A3273-7

COMPARISON OF CHARACTERISTICS OF U.S. MEDICAL SCHOOL SALARIED FACULTY IN THE PAST DECADE 1968-1978

ASSOCIATION OF AMERICAN MEDICAL COLLEGES
One Dupont Circle, N.W.
Washington, D.C. 20036

* * *

U.S. Department of Health, Education, and Welfare
Public Health Service
National Institutes of Health
NO1-OD-8-2116

BEST AVAILABLE COPY

Additional copies of this report are available from AAMC. Orders should be addressed to:

Association of American Medical Colleges
One Dupont Circle, Suite 200
Washington, D.C. 20036

$8.00 per copy

Remittance or institutional purchase order must accompany order.

© Association of American Medical Colleges, 1979

The work upon which this publication is based was supported in part by the National Institutes of Health, Department of Health, Education, and Welfare pursuant to contract number NO1-OD-8-2116. However, any conclusions and/or recommendations expressed herein do not necessary represent the views of the supporting agency.

The government retains the right to use, duplicate or disclose the contents of this report and to have or permit others to do so.

BEST AVAILABLE COPY

COMPARISON OF CHARACTERISTICS OF U.S. MEDICAL SCHOOL SALARIED FACULTY IN THE PAST DECADE 1968-1978

Elizabeth J. Higgins
Division of Operational Studies
Department of Planning and Policy Development

October, 1979

TABLE OF CONTENTS

		Page
	List of Tables	v
	Preface	xiii
	Summary	xv
I.	INTRODUCTION	1
II.	METHODOLOGY	3
III.	DISCUSSION	9
	A. Overview of Faculty	11
	B. Areas of Responsibility	27
	C. Training & Credentials	35
	D. Demographic Characteristics	57
	E. New-Hires	79
	F. Employment History	89
IV.	APPENDICES	105
	Appendix A: Faculty Roster Forms	107
	Appendix B: Description of Variables Derived From Faculty Roster System Master File, For Tabulations in Report	113
	Appendix C: Nature of Employment Definitions	129
V.	REFERENCES	131

LIST OF TABLES

TABLE		Page
1	Number & Percent Distribution of Full-Time & Part-Time Medical School Faculty, by Degree Type, 1967-68 & 1977-78 and Change in Number of Full-Time & Part-Time Medical School Faculty, 1967-68 to 1977-78 & Ratio of Full-Time & Part-Time Medical School Faculty, by Degree Type, 1977-78/1967-68	15
2	Number & Percent Distribution of Total Medical School Faculty by Degree & Type of Employment, 1977-78	16
3	Number & Percent Distribution of Total Medical School Faculty by Rank & Type of Employment, 1977-78	17
4	Number & Percent Distribution of Full-Time Medical School Faculty by Rank & Degree, 1977-78	18
5	Number & Percent Distribution of Part-Time Medical School Faculty by Rank & Department, 1977-78	19
6	Number & Percent Distribution of Full-Time Medical School Faculty by Rank & Department, 1977-78	20
7	Distribution of M.D. Full-Time Faculty by Academic Department and Clinical Science Specialty 1977-78	21
8	Number & Percent Distribution of Full-Time Medical School Faculty by Academic Department & Degree 1967-68	22
9	Number & Percent Distribution of Full-Time Medical School Faculty by Academic Department & Degree 1977-78	23
10	Change in Percent Distribution of Full-Time Medical School Faculty 1967-68 to 1977-78 by Degree & Department	24

TABLE		Page
11	Ratio of Full-Time Medical School Faculty 1967-68/ 1977-78, by Department and Degree Type	25
12	Number & Percent Distribution of Full-Time Medical School Faculty by Areas of Responsibility & Degree Type 1977-78	29
13	Number & Percent Distribution of Full-Time Medical School Faculty by Nature of Employment, Degree Type & Areas of Responsibility 1977-78	30
14	Number & Percent Distribution of Full-Time Medical School Faculty by Basic, Clinical & Other Departments, 1977-78	33
15	Number & Percent Distribution of Full-Time Medical School Faculty by Teaching & Research Activities, by Degree Type, 1977-78	34
16	Number & Percent Distribution of Full-Time Doctoral Medical School Faculty by Number of Post-Doctoral Clinical & Research Awards, 1901-1978	39
17	Distribution of Post-Doctoral Research or Clinical Training Awards to Full-Time M.D. Faculty by Source, Specialty and Year of Award	41
18	Number & Percent Distribution of Most Recent Residency Specialty, Full-Time M.D. Medical School Faculty, 1967-68 & 1977-78, with Comparison 1967-68 to 1977-78	43
19	Distribution of Full-Time M.D. Medical School Faculty by Number of Residencies, Internship Status & Rank, 1977-78	44

TABLE		Page
20	Distribution of M.D. Full-Time Medical School Faculty by Board Certification in Primary Specialty and by Department, 1977-78	45
21	Number & Percent Distribution of Full-Time M.D. Medical School Faculty by Number of Board Certifications by Rank, 1977-78	46
22	Number & Percent Distribution of Full-Time M.D. Medical School Faculty by Location of M.D. Training & Type of Employment 1977-78	47
23	Number & Percent Distribution of Full-Time M.D. Medical School Faculty by Location & Year of Last Earned M.D. Degree 1977-78	47
24	Number & Percent Distribution of Full-Time Ph.D. Medical School Faculty by Number of Pre-Doctoral Awards, 1977-78	48
25	Number & Percent Distribution of Pre-Doctoral Awards to Full-Time Ph.D. Faculty by Source & Year of Award, 1977-78	49
26	Distribution of Pre-Doctoral Awards to Full-Time Ph.D. Faculty by Discipline and Year	50
27	Distribution of Post-Doctoral Research Training Awards to All Full-Time Ph.D. Faculty by Source, Discipline and Year of Award	51
28	Number & Percent Distribution of Full-Time Medical School Faculty by Basic, Clinical & Other Department Affiliation by Sex, Rank & Degree 1977-78	53 & 54
29	Number & Percent Distribution of Full-Time Medical School Faculty by Sex and Degree, 1967-68 and 1977-78	55

TABLE		Page
30	Change in Number of Full-Time Medical School Faculty, 1967-68 to 1977-78 and Ratio of Full-Time Medical School Faculty 1977-78/ 1967-68, by Sex & Degree Type	55
31	Number & Percent Distribution of Total Medical School Faculty by Type of Employment & Sex 1977-78	61
32	Number & Percent Distribution of Full-Time Medical School Faculty by Teaching Responsibilities, Sex & Degree Type 1967-68	62
33	Number & Percent Distribution of Full-Time Medical School Faculty by Teaching Responsibilities, Sex & Degree Type 1977-78	63
34	Change in Number of Full-Time Medical School Faculty, 1967-68 to 1977-78, & Ratio of Full-Time Medical School Faculty 1977-78/ 1967-68, by Degree Type & Teaching Responsibility & Sex	64
35	Number & Percent Distribution of Full-Time Medical School Faculty by Research Responsibilities, Sex & Degree Type 1967-68	65
36	Number & Percent Distribution of Full-Time Medical School Faculty Research Responsibilities, Sex & Degree Type 1977-78	66
37	Change in Number of Full-Time Medical School Faculty, 1967-68 to 1977-78 & Ratio of Full-Time Medical School Faculty 1977-78/ 1967-68, by Degree Type, Research Responsibility & Sex	67
38	Number & Percent Distribution of Full-Time Medical School Faculty by Length of Employment, Sex & Degree Type, 1967-68	68
39	Number & Percent Distribution of Full-Time Medical School Faculty by Length of Employment, Sex & Degree Type, 1977-78	69

TABLE		Page
40	Change in Number of Full-Time Medical School Faculty, 1967-68 to 1977-78 & Ratio of Full-Time Medical School Faculty 1977-78/ 1967-68, by Length of Employment, Sex & Degree Type	70
41	Number & Percent Distribution of Full-Time Medical School Faculty by Ethnic Origin, Sex & Degree, 1967-68	71
42	Number & Percent Distribution of Full-Time Medical School Faculty by Ethnic Origin, Sex & Degree Type 1977-78	72
43	Change in Number of Full-Time Medical School Faculty, 1967-68 to 1977-78 & Ratio of Full-Time Medical School Faculty 1977-78/ 1967-68, by Degree Type, Ethnic Origin & Sex	73
44	Number & Percent Distribution of Full-Time Medical School Faculty by Specific Ethnic Origin & Degree Type, 1967-68	74
45	Number & Percent Distribution of Full-Time Medical School Faculty by Specific Ethnic Origin & Degree Type, 1977-78	75
46	Change in Number of Full-Time Medical School Faculty, 1967-68 to 1977-78 & Ratio of Full-Time Medical School Faculty 1977-78/ 1967-68, by Specific Ethnic Origin & Degree Type	76
47	Number & Percent Distribution of Full-Time Medical School Faculty by Ethnic Origin, Rank & Sex, 1977-78	77

TABLE		Page
48	Number & Percent Distribution of New-Hires, 1974-78, & Other Full-Time Faculty by Sex & Degree Type, 1977-78	81
49	Number & Percent Distribuiton of New-Hires, 1974-78, & Other Full-Time Faculty by Ethnic Origin & Degree Type, 1977-78	82
50	Number & Percent Distribution of New-Hires, & Other Full-Time Faculty by Teaching Responsibilities & Degree Type, 1977-78	83
51	Number & Percent Distribution of New-Hires, 1974-78, & Other Full-Time Faculty by Research Responsibilities & Degree Type, 1977-78	84
52	Number & Percent Distribution of Full-Time Medical School Faculty by New Hires, 1974-78, Other Faculty, Degree Type & Citizenship, 1977-78	85
53	Number & Percent Distribution of New Hires, 1974-78, & Other Full-Time Medical School Faculty by Previous Employment Prior to Current Medical School Appointment, 1977-78	86
54	Number & Percent Distribution of New Hires 1974-78, by Employment or Training Source Prior to First Full-Time Salaried Medical School Appointment, by Degree Type 1977-78	87
55	Number & Distribution of Full-Time M.D. Medical School Faculty With & Without Private Practice Experience, by Clinical Science Specialty, 1967-68 and 1977-78	
	and	
	Comparison of Percent of Total Full-Time M.D. Medical School Faculty With Private Practice Experience, 1967-68 and 1977-78	92

TABLE		Page
56	Number & Percent Distribution of Full-Time Medical School Faculty by Length of Current Employment by Rank & Degree, 1977-78 .	93
57	Number & Percent Distribution of Full-Time Medical School Faculty by Previous Employment Prior to Current Medical School Appointment, by Degree, 1977-78	94
58	Number & Percent Distribution of Full-Time Medical School Faculty by Employment or Training Source Prior to First Full-Time Medical School Appointment, by Degree Type, 1967-68	95
59	Number & Percent Distribution of Full-Time Medical School Faculty by Employment or Training Source Prior to First Full-Time Medical School Appointment, by Degree Type, 1977-78	96
60	Change in Number of Full-Time Medical School Faculty, 1967-68 to 1977-78 & Ratio of Full-Time Medical School Faculty 1977-78/1967-68, by Degree & Employment or Training Source Prior to First Full-Time Salaried Medical School Appointment	97
61	Change in Percent Distribution of Full-Time Medical School Faculty, 1967-68 to 1977-78, by Degree Type & Employment or Training Source Prior to First Full-Time Salaried Medical School Appointment .	98
62	Number & Percent Distribution of Full-Time Female Medical School Faculty by Employment or Training Source Prior to First Full-Time Salaried Medical Appointment by Degree Type 1967-68	99

TABLE		Page
63	Number & Percent Distribution of Full-Time Female Medical School Faculty by Employment or Training Source Prior to First Full-Time Salaried Medical Appointment by Degree Type 1977-78	100
64	Change in Number of Full-Time Female Medical School Faculty, 1967-68 to 1977-78 & Ratio of Full-Time Female Medical School Faculty 1977-78/1967-68, by Degree & Prior Employment or Training Source	101
65	Number & Percent Distribution of Full-Time Male Medical School Faculty by Employment or Training Source Prior to First Full-Time Salaried Medical Appointment by Degree Type 1967-68	102
66	Number & Percent Distribution of Full-Time Male Medical School Faculty by Employment or Training Source Prior to First Full-Time Salaried Medical Appointment by Degree Type 1977-78	103
67	Change in Number of Full-Time Male Medical School Faculty, 1967-68 to 1977-78 & Ratio of Full-Time Male Medical School Faculty 1977-78/1967-68, by Degree & Prior Employment or Training Source . . .	104

PREFACE

This descriptive study is the fourth in a series of annual reports prepared at the Association of American Medical Colleges (AAMC). This report has been written to display current information on the available manpower resource of salaried faculty at U.S. medical schools for the academic year 1977-78. Comparison tables on selected characteristics are included for the academic year 1967-68, the first year for which data on medical school faculty was entered into the Faculty Roster System. These tables show the change or lack of change in characteristics of salaried faculty at medical schools over the past ten years.

The source of the data used throughout the report is the Faculty Roster System of the Association of American Medical Colleges. This computer-based system was developed to collect and continuously update pertinent data on the characteristics of U.S. medical school faculty. Information on these faculty is supplied to the Roster on a voluntary basis by individual medical schools, forming the most complete source of information on individual medical school faculty and faculty manpower on a national basis. The project was initially developed in 1966 in cooperation with AAMC by the National Institutes of Health, Department of Health, Education and Welfare. In 1972 maintainance of the system was contracted to the AAMC.

The Association has published reports of medical school faculty in three earlier descriptive studies (Anderson, 1975; Griffith and McRae, 1977; Griffith and Farlee, 1977; see references).

EXECUTIVE SUMMARY

The characteristics of medical school faculty in 1977-78 were similar in most respects to their characteristics in 1967-68, but there have been some significant changes. This report provides basic statistics on rank, type of employment, degree, department and specialty, as well as information on areas of responsibility, training and credentials, and demographic characteristics. Special analyses of recently hired faculty and of employment history are presented.

The total faculty has more than doubled in number over the ten year period, with the largest relative gains occurring in Family Medicine.

Total salaried faculty in 1977-78 numbered 47,479, of whom 41,161 were full-time. More than four-fifths of the total full-time faculty (81.5%) are reported by their institutions to hold strict full-time appointments, which would require them to carry on all of their professional activities as a part of medical center programs. The rank distribution for all full-time faculty shows that only 7.0 percent of the faculty do not hold a doctoral degree and the M.D. degree is held by more than twice as many faculty as those who hold the Ph.D. degree. The most common rank is Assistant Professor, held by 35 percent of the full-time faculty, but full Professors at 26 percent outnumber Associate Professors at 23 percent of full-time faculty.

The analysis of areas of responsibility showed the expected result that the modal combination of activities for M.D.'s is teaching, research and patient care, while the modal combination for Ph.D.'s is teaching and research. Fourteen percent of faculty do no teaching, and 32 percent of faculty do no research. The "no research" group includes 35 percent of the M.D.'s, but only 12 percent of the M.D./Ph.D.'s and 9 percent of Ph.D.'s. As expected, the majority of non-doctoral faculty do not have research as an area of responsibility.

Forty-two percent of the doctoral faculty have benefited from postdoctoral training awards. Training participants included 56 percent of the M.D./Ph.D.'s, 48 percent of the M.D.'s and 28 percent of the Ph.D.'s. Only seven percent of the M.D. faculty had neither an internship nor a residency. About half of

the M.D. faculty are board certified, but there are substantial differences between departments. Sixty-eight percent of surgery faculty are board certified, for example, but only 31 percent of psychiatry faculty are board certified.

The percentage of full-time faculty who are female has increased from 13.3 percent in 1967-68 to 15.2 percent in 1977-78. This was during a period when the entire faculty more than doubled and the actual number of women recruited was 3,884. The relative gains for women were greater in the Ph.D. and M.D./Ph.D. groups than in the M.D. group, where women were 10.5 percent of the faculty in 1977-78. The recent recruitment of substantial numbers of women is reflected in statistics on length of employment.

In 1977-78 forty-nine percent of the women had been faculty members five years or less, while forty-two percent of the men had been employed five years or less. The distribution by rank is skewed toward the lower ranks for women, the fraction of women was 18 percent at the Assistant Professors level, but only 5 percent at the full Professor level.

Minority faculty increased their representation from 7.3 percent in 1967-68 to 10.4 percent in 1977-78, but a large part of this increase was accounted for by Asian and "Other Hispanic" persons; the representation of the underrepresented minorities -- Black American, Mexican American, American Indian and Puerto Rican -- remained stable at 2.5 percent. Like the distribution for women, the distribution of minority faculty was skewed toward the lower ranks, but the extent of this skewing was much less.

In 1977-78, forty-three percent of full-time faculty had joined the faculty within the last five years; sixteen percent had become faculty members more than fifteen years ago.

When one takes into account the more than twofold increase in faculty numbers over the ten-year period, faculty characteristics have remained remarkably stable.

INTRODUCTION

In the last three to four decades medical schools in the Unites States have taken on additional responsibilities for the overall health needs of the nation. They have progressed from institutions of education to large, complex medical centers involved with not only the academic education of physicians, but also providing medical care through affiliated teaching hospitals. In addition, through biomedical research facilities the schools serve to introduce to medical practice new knowledge and technology for improving the diagnosis, prevention and treatment of disease.

Concurrent with the growing diversity of health activities medical schools have increased in numbers from 94 in 1968 to 122 in 1978. During this period of time undergraduate student enrollment has increased by 75 percent. Graduate medical students in other health related fields who use the resources of the medical school faculty have also increased. To meet these demands the number of salaried medical school faculty has increased by 122%, from approximately 21,384 faculty in 1967-68 to 47,479 in 1977-78.

This report presents demographic characteristics, professional employment and educational background of the salaried medical school faculty for 1967-68 and for 1977-78 with major emphasis on the changes in full-time faculty characteristics over the decade.

The body of the report, chapter III, has six subsections which display faculty characteristics by different variables. Only the first subsection, Overview of the Faculty, provides data for both full and part-time faculty in order to provide the reader with general characteristics of the total faculty for 1977-78.

Section (A) presents the academic degree credentials and the general appointment characteristics, including rank, academic department and primary specialties of the faculty. The following sections B,C,D and F are concerned with full-time faculty characteristics only; these faculty comprise 86.7% of the total salaried faculty. The variables utilized for these sections are: the major areas of responsibility, training and credentials, demographic characteristics, and employ-

ment history of full-time faculty in 1967-68 and 1977-78. The ratios or percent changes in this time period are displayed in comparison tables.

Section E displays data for "new-hires," that is, full-time faculty who have received their first appointment at a medical school within the last five years. These faculty are compared to the total full-time faculty on selective characteristics.

II. METHODOLOGY

Faculty Roster Database

The data for this report has been derived from the AAMC Faculty Roster System (FRS). The database is also the basis for targeted studies on topics of national concern. In addition, computer-generated special reports of selected data are prepared on an annual and ad hoc basis for individual schools. These reports are prepared in a special format for each school for their accreditation needs, and for other national surveys.

Maintenance of the System

The system is maintained and updated through the cooperation of each of the medical schools. A representative at each school is responsible for submitting data to AAMC when their faculty:

- receive their first medical school appointment
- are promoted, change departments, responsibilities, or any other significant change in status
- transfer to another medical school
- become inactive by relocating outside medical school, retirement, or for whatever reason.

A standard format for the submission of these data, prepared and supplied by AAMC, is used by each of the schools. Upon receipt of the new or updated information the Faculty Roster staff edits and prepares the data for entry into the Faculty Roster database. On the average, 20,000 transactions are processed monthly. Following the updating procedure printed display forms for each faculty member that has been affected are prepared and returned to the schools for their records.

Data Selection Procedure

Due to a continuous flow of information being entered into the Faculty Roster System and the fact that the submission of data from the schools varies considerably in timeliness, a procedure was developed, for research purposes, to "roll back" the file to a particular month and year to display

data for a given academic year. The roll-back procedure makes two types of alterations to the data file: records with effective dates of employment after a particular date are eliminated; also, any transfers or deactivations that occurred after that point in time are reversed so that those records are maintained in the file. Thus, the January 1979 master file was altered to reflect individual faculty status as of two points in time, January 1968 and January 1978. Only the records of active salaried faculty for each point in time were retained; all inactive or volunteer faculty were deleted from the data files used in this report.

The second major manipulation of the FRS master file, performed on each of the two "rolled back" files, involved reducing and combining the raw data elements to yield elements used in the actual data analyses. The raw data elements contributing to this study are checked on the New Accession Form in Appendix A. A list of the variables and their relationship to the raw data elements is given in Appendix B.

Table Format

The tables, which begin in Section III, Chapter A, provide an overview of the faculty and display data for full-time and part-time salaried faculty, with degree level shown for M.D. and Ph.D., M.D., Ph.D., O.H.D. (Other Health Doctorate), Non-Doctoral faculty, and the number of faculty whose degree is Unknown.

Chapters B-F of Section III are concerned with full-time faculty only, with subsections displaying data for M.D. faculty only and Ph.D. faculty only. Chapter E is concerned with "New-Hires", those faculty who have received their first full-time appointment at a U.S. medical school within the past five years. This total is compared to all "other full-time faculty" and provides the reader with some information as to any changes in hiring patterns which may have been or may be developing.

Faculty totals in all the report tables have been kept constant by including the "unknown" category. There are three reasons for this format.

(a) Ease of Comparability between Tables

Because all faculty within and between tables remain constant, the tables "interlock" with one another across the designated

variables, i.e., the same people are included although they may be unknown in one characteristic in a particular table.

(b) Greater Accuracy in Presenting Data

The fact that a faculty member falls into the unknown category vis-a-vis rank, for example, does not mean that the type of degree or department are unknown. Only a small fraction of faculty are unknown in more than one characteristic.

(c) Ease of Identifying the Faculty Group With Which Any Particular Table is Concerned

Because faculty totals and subtotals are constant, the reader will know immediately with which group any particular table is concerned.

1967-68

ALL FACULTY

Full-time	17,801
Part-time	2,252
Unknown Employment	1,331
TOTAL	21,384

FULL-TIME FACULTY

M.D. and Ph.D.	1,074
M.D. Only	10,527
Ph.D. Only	4,531
O.H.D.	135
Non-Doctoral	1,413
Unknown Degree	121
TOTAL	17,801

FULL-TIME FACULTY BY SEX

Male	15,436
Female	2,365
TOTAL	17,801

FULL-TIME M.D. FACULTY

M.D. and Ph.D.	1,074
M.D.	10,527
TOTAL	11,601

1977-78

ALL FACULTY

Full-Time	41,161
Part-Time	5,325
Unknown Employment	993
Total	47,479

FULL-TIME FACULTY

M.D. and Ph.D.	1,935
M.D. only	24,274
Ph.D. only	11,135
O.H.D.	377
Non-Doctoral	2,929
Unknown Degree	511
Total	41,161

FULL-TIME FACULTY BY SEX

Male	34,912
Female	6,249
Total	41,161

FULL-TIME NEW HIRES AND OTHER FACULTY

New Hires	11,429
Other Faculty	27,514
Unknown Appointment Year	2,218
Total	41,161

FULL-TIME M.D. FACULTY

M.D. and Ph.D.	1,935
M.D. only	24,274
Total	26,209

The term "full-time faculty" refers to faculty whose salary is paid either in full or in part by the medical school or its affiliated institutions and hospitals. A definitive descriptive of the prerequisite for the "full-time faculty category can be found in Appendix C of this report.

Background

During the past 12 years several changes in the manner of collecting data have occurred. From 1966-67 through 1972-73 (with the exception of 1969-70 when no questionnaire was administered) data were collected on an annual basis; since 1973 the data has been collected and entered into the system on a continuous basis. The format of the collection instruments remained the same from 1972 until December 1978 when it was revised. A copy of the 1972 and the 1978 revised collection instrument are in Appendix A. The revision of the form necessitated a conversion process to the data base for some of the items previously collected to be recategorized for data to be compared over a period of time. During the conver-

sion process it was decided to eliminate certain faculty records collected prior to 1972 which did not provide a beginning date for a faculty appointment or a termination date. These records (approximately 5000) had been entered into the system prior to the extensive editing process instigated in 1972 and did not provide sufficient data for inclusion in statistical analysis.

Validity of the Data Base

The FRS is designed to include data for all salaried faculty at U.S medical schools (volunteer, or non-salaried, faculty are included in the FRS master file on an optional basis). As with virtually all data collection systems, it is unrealistic to assume that all data elements and all records for which the system is designed are in fact submitted and available for analysis. Although every attempt has been made to secure cooperation from the schools in submitting data, some schools have participated on a sporadic basis, bringing their files up-to-date all at once and then not submitting new Accession Forms or Undates for long periods of time. Still other schools have been able to participate in data submission for only a portion of the requiested information. The result of these varying degrees of participation in data submission is that the master file, at any given point in time, has varying degrees of currency and completeness for different schools.

The AAMC has conducted two studies; the first study utilized 1976 data, and the second study utilized 1977 data, to obtain estimates of the degree of accuracy and completeness of the Faculty Roster System. Three independent analyses were conducted using sampling procedures specifically designed to estimate accuracy and completeness. The major findings of this effort were as follows and are quoted from the 1977 report:

> As of 1977,...the FRS contained information for approximately 85 percent of the population of salaried medical school faculty in the United States. It has better coverage for full-time faculty than for part-time faculty.... Finally, the information carried by the FRS is approximately 95 percent accurate, with the highest accuracy in demographic data and the lowest accuracy in current activity data items.*

---

* Estimates for Accuracy and Completeness of AAMC Faculty Roster System Data, December 1977.

The results of the "verification" study show that data contained in this report may be taken as accurate estimates of the relative distribution of various characteristics in the total population of salaried U.S. medical school faculty. The limitations noted above require a warning against the use of the figures in this report as precise "head counts" of faculty in the various categories considered. Percentage figures in the tables should be utilized rathter than the exact faculty counts.

III. DISCUSSION

This section of the report is a presentation and brief description of 67 tables. It is divided into the following subsections:

A. Overview of Faculty (Tables 1-11)
B. Areas of Responsibility (Tables 12-15)
C. Training & Credentials (Tables 16-27)
D. Demographic Characteristics (Tables 28-47)
E. New-Hires (Tables 48-54)
F. Employment History (Tables 55-67)

The discussion section presents "Highlights" for all 1977-78 tables and for all comparison tables (1967-68/1977-78). The highlights are designed to point out to the reader what, in the author's opinion, are the salient points in the tables.

In certain cases, where the data lends itself to simple ranking, tables have been supplied in the text to assist the reader in quantifying the changes over the decade.

A. OVERVIEW OF FACULTY

This chapter is designed to present the number of faculty, full-time and part-time in 1967-68 and 1977-78 by degree type, rank, type of employment and academic department. There are comparison tables (1967-68 vs. 1977-78) for all data presented except for the type of employment variable and rank.

This chapter is the only part of the report in which total faculty data is presented. Only full-time faculty is described in the following chapters for two reasons:

1) Full-time faculty constitutes 83.3% and 86.7% of total salaried faculty for 1967-68 and 1977-78 respectively, and

2) Changes in part-time faculty characteristics differ from changes in full-time faculty characteristics over the 1968-78 decade in such variables as degree, department, etc.

Combining full-time and part-time faculty, therefore, would cloud the findings of the report by including 11% of faculty with characteristics that deviate from the other 87%.

Total Faculty

Total faculty has more than doubled in the past decade increasing from 21,384 to 47,749. The ratio of increase for part-time and full-time faculty over this period of time is very nearly the same with a slightly higher increase shown in part-time faculty. (Table 1)

The type of appointments held by the total faculty in 1977-78 is shown in Table 2. Strict Full-time appointments are held by 58.9%; Strict Full-time Affiliated appointments by 11.7%; Geographic Full-time by 11.8%, and the smallest percentage of the faculty hold Geographic Full-time Affiliated appointments (4.3%).

Part-time faculty comprise 11.1% of the total faculty, of this amount 8% are salaried at the medical school and 3.2% are affiliated faculty.

The distribution of the faculty within rank shows professors have the highest percent in the Strict full-time and Geographic full-time appointments. Instructors have the highest percent in Affiliated types of employment.

For Part-time and Part-time Affiliated appointments, professors showed the lowest percentage, 4.6% and 1.4% with instructors having the highest percentage at 8.8% and 4.5% respectively. (Table 3)

The rank of professor has a higher percentage of M.D./Ph.D. faculty than any other group. More than one-third of the faculty in the M.D, Ph.D. and O.H.D. degree groups were assistant professors in 1977-78. (Table 4)

Tables 5 and 6 present data describing the number and percent distribution of part-time and full-time faculty by rank and department. In addition, data is provided to show the ranked ratio increase by department for full-time and part-time faculty, 1967-68 to 1977-78. The reader can see from these tables that the department ratios for part-time and full-time faculty over the decade exhibit a substantial difference. (Page 13)

Interdisciplinary Composition of Departments by Clinical Science Speciality

Table 7 presents a matrix of full-time M.D faculty by their clinical science specialty and the department in which they hold an appointment. The reader will note that many of the departments are inter-disciplinary. For example, 2900 faculty reported their department as pediatrics; of this total 2606 (89.9%) were pediatricians. The remaining faculty in this department have other primary specialties: 107 in internal medicine; 67 in neurology; 22 in psychiatry and so forth.

Conversely, faculty who have pediatrics as their primary specialty number 2881; of these 2606 are in the department of pediatrics and the remaining faculty with pediatrics as their primary specialty hold positions in the department of pathology (18), microbiology (7), anesthesiology (7), family practice (21), public health and preventive medicine (40), radiology (40), surgery (36) and so forth.

Distribution Changes in Full-time Faculty by Department and Degree

Data are presented for full-time faculty by department and degree for 1967-68 and 1977-78 on Tables 8 and 9.

A comparison of the relative changes during the decade in degree type were modest with M.D.-Ph.D's, M.D.'s and Non-Doctoral faculty showing a slight relative decline and Ph.D.'s and O.H.D. faculty showing a minor relative increase.

DEPARTMENTS RANKED BY INCREASE IN FULL-TIME MEDICAL SCHOOL FACULTY

1967-68 to 1977-78

1.	Family Practice	11.197
2.	Anesthesiology	2.992
3.	Orthopedic Surgery	2.929
4.	Radiology	2.865
5.	Internal Medicine	2.512
6.	Obstetrics/Gynecology	2.345
7.	Psychiatry	2.318
8.	Surgery	2.317
9.	Pediatrics	2.308
10.	Neurology	2.287
11.	Ophthalmology	2.156
12.	Otolaryngology	2.152
13.	Pathology-Basic	2.152
14.	Microbiology	2.011
15.	Pharmacology	1.941
16.	Public Health & Preventive Medicine	1.928
17.	Anatomy	1.913
18.	Physical Medicine & Rehabilitation	1.839
19.	Dermatology	1.832
20.	Physiology	1.812
21.	Biochemistry	1.773
	Other Basic	2.263

DEPARTMENTS RANKED BY INCREASE IN PART-TIME MEDICAL SCHOOL FACULTY

1967-68 to 1977-78

1.	Family Practice	33.000
2.	Anesthesiology	3.370
3.	Public Health & Preventive Medicine	3.203
4.	Radiology	3.094
5.	Surgery	2.681
6.	Physical Medicine & Rehabilitation	2.294
7.	Pediatrics	2.259
8.	Obstetrics/Gynecology	2.198
9.	Pathology-Basic	2.172
10.	Microbiology	2.105
11.	Ophthalmology	2.082
12.	Internal Medicine	2.057
13.	Physiology	2.000
14.	Psychiatry	1.925
15.	Dermatology	1.882
16.	Orthopedic Surgery	1.849
17.	Neurology	1.787
18.	Biochemistry	1.769
19.	Pharmacology	1.765
20.	Otolaryngology	1.459
21.	Anatomy	1.283
	Other Basic	5.667

Changes noted by department show a relative decline in M.D.-Ph.D. faculty except in the Department of Pathology. All departments except family practice and opthalmology showed a relative increase in Ph.D. faculty. (Table 10)

Over the 1967-68 - 1977-78 period, O.H.D. faculty had the greatest ratio increase (2.793) and M.D.-Ph.D faculty had the least ratio increase (1.802). Clinical department faculty increased more rapidly than basic department faculty in every degree type. (Table 11)

The family practice department showed the greatest ratio increase (11.197) of any department. The Department of Family Practice is a newly designated Department in most of the medicine schools. In 1968 there were only 3 schools with a Department of Family Practice, in 1977-78 there are 77 schools with this department.

TABLE 1

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME & PART-TIME MEDICAL SCHOOL FACULTY, BY DEGREE TYPE, 1967-68 & 1977-78

EMPLOYMENT TYPE AND YEAR	TYPE OF DEGREE												TOTAL FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Total Faculty
1967 - 1968														
Full-Time Employment	1074	90.6	10527	78.8	4531	92.7	135	75.8	1413	87.1	121	80.1	17801	83.3
Part-Time Employment	60	5.1	1856	13.9	201	4.1	24	13.5	101	6.2	10	6.6	2252	10.5
Unknown Employment	51	4.3	979	7.3	154	3.2	19	10.7	108	6.7	20	13.3	1331	6.2
TOTAL	1185	100.0	13362	100.0	4886	100.0	178	100.0	1622	100.0	151	100.0	21384	100.0
1977 - 1978														
Full-Time Employment	1935	93.4	24272	82.9	11135	94.6	377	81.6	2929	90.0	511	86.7	41161	86.7
Part-Time Employment	116	5.6	4224	14.5	549	4.6	73	15.8	283	8.7	80	11.1	5325	11.1
Unknown Employment	22	1.0	770	2.6	91	0.8	12	2.6	43	1.3	55	2.2	993	2.2
TOTAL	2073	100.0	29268	100.0	11775	100.0	462	100.0	3255	100.0	646	100.0	47479	100.0

CHANGE IN NUMBER OF FULL-TIME & PART-TIME MEDICAL SCHOOL FACULTY, 1967-68 TO 1977-78 & RATIO OF FULL-TIME & PART-TIME MEDICAL SCHOOL FACULTY, BY DEGREE TYPE, 1977-78/1967-68

EMPLOYMENT TYPE AND YEAR	TYPE OF DEGREE												TOTAL FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Change in Number of Faculty	Ratio	Change in Number of Faculty	Ratio	Change in Number of Faculty	Ratio	Change in Number of Faculty	Ratio	Change in Number of Faculty	Ratio	Change in Number of Faculty	Ratio	Change in Number of Faculty	Ratio
CHANGE 1967-68 TO 1977-78														
Full-Time Employment	861	1.802	13745	2.306	6604	2.458	242	2.793	1516	2.073	390	4.223	23360	2.312
Part-Time Employment	56	1.933	2368	2.276	348	2.731	49	3.042	182	2.802	70	8.000	3073	2.365
Unknown Employment	-29	.431	-209	.786	-63	.591	-7	.632	-65	.398	35	2.750	-338	.746
TOTAL	888	1.749	15906	2.190	6889	2.410	284	2.596	1633	2.007	495	4.278	26095	2.220

TABLE 2

NUMBER & PERCENT DISTRIBUTION OF TOTAL MEDICAL SCHOOL FACULTY BY DEGREE & TYPE OF EMPLOYMENT, 1977-78

TYPE OF EMPLOYMENT	TYPE OF DEGREE																	TOTAL FACULTY	
	M.D. and Ph.D.			M.D.			Ph.D.			O.H.D.			Non-Doctoral			Degree Unknown				
	Number of Faculty	Percent of Degree Type	Percent of Total Faculty	Number of Faculty	Percent of Degree Type	Percent of Total Faculty	Number of Faculty	Percent of Degree Type	Percent of Total Faculty	Number of Faculty	Percent of Degree Type	Percent of Total Faculty	Number of Faculty	Percent of Degree Type	Percent of Total Faculty	Number of Faculty	Percent of Degree Type	Percent of Total Faculty	Number of Faculty	Percent of Total Faculty
Strict Full-time																			
Medical School	1,413	68.2	3.0	13,705	46.8	28.9	9,727	82.6	20.5	295	63.9	0.6	2,427	74.6	5.1	380	58.8	0.8	27,947	58.9
Affiliate	210	10.1	0.4	4,444	15.2	9.4	606	5.2	1.3	32	6.9	0.1	252	7.7	0.5	42	6.5	0.1	5,586	11.7
(SUBTOTAL)	1,623	78.3	3.4	18,149	62.0	38.3	10,333	87.7	21.8	327	70.8	0.7	2,679	82.3	5.6	422	65.3	0.9	33,533	70.6
Geographic Full-time																			
Medical School	252	12.2	0.5	4,392	15.0	9.2	626	5.3	1.3	37	8.0	0.1	219	6.7	0.5	72	11.2	0.2	5,598	11.8
Affiliate	60	2.9	0.1	1,743	5.9	3.7	176	1.5	0.5	13	2.8	*	31	1.1	0.1	17	2.6	*	2,040	4.3
(SUBTOTAL)	312	15.1	0.6	6,125	21.0	12.9	802	6.8	1.7	50	10.8	0.1	250	7.8	0.6	89	13.7	0.2	7,628	16.1
TOTAL FULL-TIME	1,935	93.4	4.0	24,274	82.9	51.2	11,135	94.5	23.5	377	81.6	0.8	2,929	90.1	6.2	511	79.1	1.1	41,161	86.7
Part-time Faculty																			
Medical School	82	4.0	0.2	2,892	9.9	6.1	451	3.8	0.9	58	12.6	0.1	248	7.6	0.5	71	11.0	0.1	3,802	8.0
Affiliate	34	1.6	0.1	1,332	4.6	2.8	98	0.8	0.2	15	3.2	*	35	1.1	0.1	9	1.4	*	1,523	3.2
TOTAL PART-TIME	116	5.6	0.3	4,224	14.5	8.1	549	4.6	1.1	73	15.8	0.1	283	8.7	0.6	80	12.4	1.2	5,325	11.2
Employment Type Known	2,051	99.0	4.3	29,498	97.5	59.3	11,684	99.1	24.6	450	97.4	0.9	3,212	98.8	6.8	591	91.4	2.3	46,486	97.9
Employment Type Unknown	22	1.0	*	770	2.6	1.6	91	0.8	0.2	12	2.6	*	43	1.3	0.2	55	8.5	0.2	993	2.1
TOTAL FACULTY	2,073	100.0	4.3	29,268	100.0	60.9	11,775	100.0	24.8	462	100.0	0.9	3,255	100.0	7.0	646	100.0	2.5	47,479	100.0

* Less than 0.1 percent

TABLE 3
NUMBER & PERCENT DISTRIBUTION OF TOTAL MEDICAL SCHOOL FACULTY BY RANK & TYPE OF EMPLOYMENT, 1977-78

TYPE OF EMPLOYMENT	ACADEMIC RANK																TOTAL FACULTY	
	Professor			Associate Professor			Assistant Professor			Instructor			Other			Rank Unknown				
	Number of Faculty	Percent of Rank	Percent of Total Faculty	Number of Faculty	Percent of Rank	Percent of Total Faculty	Number of Faculty	Percent of Rank	Percent of Total Faculty	Number of Faculty	Percent of Rank	Percent of Total Faculty	Number of Faculty	Percent of Rank	Percent of Total Faculty	Number of Faculty	Percent of Rank	Percent of Total Faculty	Number of Faculty	Percent of Total Faculty
Strict Full-time																				
Med.School	7,628	66.3	16.1	6,396	60.3	13.4	9,461	55.4	19.9	3,060	50.9	6.4	1,003	59.9	2.1	391	66.8	0.8	27,947	58.9
Affiliate	884	7.7	1.9	1,121	10.6	2.4	2,329	13.5	4.9	1,037	17.2	2.2	171	10.2	0.3	44	7.5	0.1	5,586	11.7
(SUBTOTAL)	(8,512)	(74.0)	(18.0)	(7,517)	(70.9)	(15.8)	(11,790)	(69.0)	(24.9)	(4,100)	(68.1)	(8.6)	(1,174)	(70.1)	(2.4)	(435)	(74.3)	(0.9)	(33,533)	(70.6)
Geographic Full-time																				
Med.School	1,834	15.9	3.9	1,416	13.4	3.0	1,866	10.9	3.9	355	5.9	0.8	93	5.5	0.2	44	7.5	0.1	5,583	11.8
Affiliate	278	2.4	0.6	408	3.8	0.9	819	4.8	1.7	491	8.2	1.0	36	2.1	0.1	8	1.4	*	2,040	4.3
(SUBTOTAL)	(2,112)	(18.3)	(4.4)	(1,824)	(17.2)	(3.9)	(2,685)	(15.7)	(5.6)	(846)	(14.1)	(1.8)	(129)	(7.7)	(0.3)	(52)	(8.9)	(0.1)	(7,623)	(16.1)
TOTAL FULL-TIME	10,624	92.3	22.4	9,341	88.1	19.7	14,465	84.7	30.5	4,951	82.2	10.4	1,293	77.2	2.7	487	83.2	1.0	41,161	86.7
Part-time Faculty																				
Med.School	591	5.1	1.2	783	7.4	1.6	1,521	8.9	3.2	598	9.9	1.3	263	15.7	0.6	46	7.9	0.1	3,802	8.0
Affiliate	171	1.5	0.4	289	2.7	0.6	679	4.0	1.4	303	5.1	0.6	68	4.1	0.1	13	2.2	*	1,523	3.2
TOTAL PART-TIME	762	6.6	1.6	1,072	10.1	2.2	2,200	12.9	4.6	901	15.0	1.9	331	19.8	0.7	59	10.1	0.1	5,325	11.2
Employment Type Known	11,386	98.9	24.0	10,413	98.2	21.9	16,665	97.6	35.1	5,852	97.2	12.3	1,624	97.0	3.4	546	93.3	1.1	46,436	97.9
Employment Type Unknown	122	1.1	0.3	193	1.8	0.4	418	2.4	0.9	171	2.8	0.4	50	3.0	0.1	39	6.7	0.1	993	2.1
TOTAL FACULTY	11,508	100.0	24.3	10,606	100.0	22.3	17,083	100.0	36.0	6,023	100.0	12.7	1,674	100.0	3.5	585	100.0	1.2	47,479	100.0

* Less than 0.1%

TABLE 4

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY
BY RANK & DEGREE, 1977-78

ACADEMIC RANK	TYPE OF DEGREE																TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.			M.D.			Ph.D.			O.H.D.			Non-Doctoral			Unknown Degree				
	Number of Faculty	Percent of Degree Type	Percent of Total Faculty	Number of Faculty	Percent of Degree Type	Percent of Total Faculty	Number of Faculty	Percent of Degree Type	Percent of Total Faculty	Number of Faculty	Percent of Degree Type	Percent of Total Faculty	Number of Faculty	Percent of Degree Type	Percent of Total Faculty	Number of Faculty	Percent of Degree Type	Percent of Total Faculty	Number of Faculty	Percent of All Faculty
Professor	892	46.1	2.2	6793	28.0	16.5	2750	24.7	6.6	75	19.9	0.2	76	2.6	0.2	38	7.4	0.1	10624	25.8
Associate Professor	459	23.7	1.1	5479	22.6	13.4	3020	27.1	7.3	76	20.2	0.2	213	7.3	0.5	94	18.4	0.2	9341	22.7
Assistant Professor	481	24.9	1.2	8725	35.9	21.2	4148	37.3	10.1	136	36.1	0.3	773	26.4	1.9	202	39.5	0.5	14465	35.2
Instructor	59	3.0	0.1	2772	11.4	6.7	674	6.1	1.6	63	16.7	0.2	1264	43.1	3.1	119	23.3	0.3	4951	12.0
Others	23	1.2	0.1	320	1.3	0.7	439	3.9	1.1	13	3.4	*	451	15.4	1.1	47	9.2	0.1	1293	3.1
Rank Unknown	21	1.1	0.1	185	0.8	0.4	104	0.9	0.3	14	3.7	*	152	5.2	0.4	11	2.2	*	487	1.2
TOTAL	1935	100.0	4.8	24274	100.0	58.9	11135	100.0	27.0	377	100.0	0.9	2929	100.0	7.2	511	100.0	1.2	41161	100.0

* Less than 0.1 percent.

TABLE 5

NUMBER & PERCENT DISTRIBUTION OF PART-TIME MEDICAL SCHOOL FACULTY
BY RANK & DEPARTMENT, 1977-78

ACADEMIC DEPARTMENT	ACADEMIC RANK												TOTAL-PART TIME FACULTY	
	Professor		Assoc. Prof.		Ass't. Prof.		Instructor		Other		Unknown Rank			
	Number of Faculty	Percent of Dept.	Number of Faculty	Percent of Dept.	Number of Faculty	Percent of Dept.	Number of Faculty	Percent of Dept.	Number of Faculty	Percent of Dept.	Number of Faculty	Percent of Dept.	Number of Faculty	Percent of Total Full-Time Fac.
BASIC DEPARTMENTS														
Anatomy	13	22.0	9	15.3	18	30.5	11	18.6	8	13.6	0	0.0	59	100.0
Biochemistry	10	21.7	10	21.7	5	10.9	6	13.1	14	30.4	1	2.2	46	100.0
Microbiology	10	25.0	7	17.5	8	20.0	9	22.5	6	15.0	0	0.0	40	100.0
Pathology - Basic	42	26.7	57	30.2	63	33.3	16	8.5	11	5.8	0	0.0	189	100.0
Pharmacology	8	26.7	6	20.0	11	36.7	2	6.7	3	10.0	0	0.0	30	100.0
Physiology	10	17.8	7	12.5	21	37.5	10	17.9	8	14.2	0	0.0	56	100.0
Other Basic	10	19.6	9	17.6	26	51.0	1	2.0	4	7.8	1	2.0	51	100.0
(SUBTOTAL)	(103)	(21.9)	(105)	(22.3)	(152)	(32.3)	(55)	(11.7)	(55)	(11.7)	(2)	(0.4)	(471)	100.0
CLINICAL DEPARTMENTS														
Anesthesiology	9	9.9	11	12.1	51	56.0	14	15.4	6	6.6	0	0.0	91	100.0
Dermatology	15	23.4	20	31.3	22	34.4	5	7.8	2	3.1	0	0.0	64	100.0
Family Practice	13	5.6	29	12.6	128	55.4	46	19.9	14	6.1	1	0.4	231	100.0
Internal Medicine	134	16.2	178	21.5	327	39.4	155	18.7	34	4.1	1	0.1	829	100.0
Neurology	11	13.1	12	14.3	37	44.1	17	20.2	7	8.3	0	0.0	84	100.0
Obstetrics/Gynecology	32	12.5	54	21.2	94	36.9	62	24.3	10	3.9	3	1.2	255	100.0
Ophthalmology	25	12.4	47	23.3	77	38.1	41	20.3	12	5.9	0	0.0	202	100.0
Orthopedic Surgery	13	13.3	26	26.5	40	40.8	19	19.4	0	0.0	0	0.0	98	100.0
Otolaryngology	24	27.0	18	20.2	30	33.7	15	16.9	2	2.2	0	0.0	89	100.0
Pediatrics	40	9.4	91	21.3	186	43.5	78	18.3	31	7.3	1	0.2	427	100.0
Physical Medicine & Rehabilitation	13	16.7	17	21.8	32	41.0	12	15.4	4	5.1	0	0.0	78	100.0
Psychiatry	121	11.2	191	17.7	510	47.3	188	17.4	62	5.8	6	0.6	1078	100.0
Public Health & Preventive Medicine	22	11.7	42	22.2	77	40.7	27	14.3	20	10.6	1	0.5	189	100.0
Radiology	44	22.2	46	23.2	79	39.9	22	11.1	7	3.6	0	0.0	198	100.0
Surgery	125	20.1	160	25.7	240	38.6	86	13.8	11	1.8	0	0.0	622	100.0
Other Clinical	6	4.5	14	10.4	71	53.0	2	1.5	40	29.9	1	0.7	134	100.0
(SUBTOTAL)	(647)	(13.8)	(956)	(20.5)	(2001)	(42.9)	(789)	(16.9)	(262)	(5.6)	(14)	(0.3)	(4669)	100.0
OTHER DEPARTMENTS	12	6.5	11	6.0	47	25.4	57	30.8	15	8.1	43	23.2	185	100.0
TOTAL PART-TIME FACULTY	762	14.3	1072	20.2	2200	41.3	901	16.9	331	6.2	59	1.1	5325	100.0

TABLE 6

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY
BY RANK & DEPARTMENT 1977-78

ACADEMIC DEPARTMENT	ACADEMIC RANK												TOTAL FULL-TIME FACULTY	
	Professor		Assoc. Prof.		Ass't. Prof.		Instructor		Other		Unknown Rank			
	Number of Faculty	Percent of Depart.	Number of Faculty	Percent of Depart.	Number of Faculty	Percent of Depart.	Number of Faculty	Percent of Depart.	Number of Faculty	Percent of Depart.	Number of Faculty	Percent of Depart.	Number of Faculty	Percent of Total Full-Time Fac.
BASIC DEPARTMENTS														
Anatomy	421	29.0	382	26.4	514	35.4	75	5.2	57	3.9	1	0.1	1450	100.0
Biochemistry	586	35.9	480	29.4	440	26.9	58	3.5	71	4.3	0	0.0	1635	100.0
Microbiology	432	33.3	333	25.7	421	32.4	60	4.6	50	3.9	1	0.1	1297	100.0
Pathology - Basic	781	27.5	669	23.6	986	34.7	301	10.6	97	3.4	5	0.2	2839	100.0
Pharmacology	404	35.9	292	25.9	311	27.6	52	4.6	66	5.9	1	0.1	1126	100.0
Physiology	495	33.3	411	27.6	470	31.6	49	3.3	62	4.1	1	0.1	1488	100.0
Other Basic	179	34.1	138	26.3	161	30.7	28	5.3	18	3.4	1	0.2	525	100.0
(SUBTOTAL)	(3298)	(31.8)	(2705)	(26.1)	(3303)	(31.9)	(623)	(6.0)	(421)	(4.1)	(10)	(0.1)	(10360)	(100.0)
CLINICAL DEPARTMENTS														
Anesthesiology	272	18.0	237	15.7	714	47.4	253	16.8	30	2.0	2	0.1	1508	100.0
Dermatology	78	34.1	64	27.9	62	27.1	18	7.9	7	3.0	0	0.0	229	100.0
Family Practice	116	14.6	188	23.6	327	41.1	138	17.4	22	2.8	4	0.5	795	100.0
Internal Medicine	1913	25.0	1779	23.2	2750	35.9	1000	13.0	216	2.8	9	0.1	7667	100.0
Neurology	274	28.2	201	20.7	348	35.8	118	12.1	29	3.0	2	0.2	972	100.0
Obstetrics/Gynecology	350	25.8	314	23.1	494	36.4	176	13.0	22	1.6	2	0.1	1358	100.0
Ophthalmology	145	25.7	121	21.4	213	37.7	71	12.6	13	2.3	2	0.4	565	100.0
Orthopedic Surgery	111	26.9	90	21.8	148	35.8	53	12.8	11	2.7	0	0.0	413	100.0
Otolaryngology	106	26.8	94	23.7	122	30.8	66	16.7	8	2.0	0	0.0	396	100.0
Pediatrics	796	23.0	807	23.3	1340	38.7	432	12.5	85	2.4	4	0.1	3464	100.0
Physical Medicine & Rehabilitation	96	19.0	90	17.9	164	32.5	136	27.0	18	3.6	0	0.0	504	100.0
Psychiatry	820	21.0	785	20.1	1540	39.5	638	16.4	108	2.8	8	0.2	3899	100.0
Public Health & Preventive Medicine	257	25.3	208	20.5	338	33.2	143	14.1	68	6.7	2	0.2	1016	100.0
Radiology	538	21.4	564	22.4	973	38.6	386	15.3	57	2.3	0	0.0	2518	100.0
Surgery	1062	32.3	752	22.8	1058	32.2	334	10.2	80	2.4	4	0.1	3290	100.0
Other Clinical	13	22.8	10	17.5	21	36.8	3	5.3	7	12.3	3	5.3	57	100.0
(SUBTOTAL)	(6947)	(24.3)	(6304)	(22.0)	(10612)	(37.0)	(3965)	(13.8)	(781)	(2.7)	(42)	(0.2)	(28651)	(100.0)
OTHER DEPARTMENTS	378	17.6	332	15.5	549	25.6	363	16.9	91	4.3	431	20.1	2144	100.0
UNKNOWN DEPARTMENT	1	16.7	0	0.0	1	16.7	0	0.0	0	0.0	4	66.6	6	100.0
TOTAL FULL-TIME FACULTY	10624	25.8	9341	22.7	14465	35.1	4951	12.0	1293	3.2	487	1.2	41161	100.0

TABLE 7

DISTRIBUTION OF M.D. FULL-TIME FACULTY BY ACADEMIC DEPARTMENT AND CLINICAL SCIENCE SPECIALTY 1977-78

ACADEMIC DEPARTMENT	CLINICAL SCIENCE SPECIALTIES																	TOTAL M.D. F-T FACULTY	
	Anesthesiology	Dermatology	Family Practice	Internal Medicine	Neurology	OB/Gyn	Opthamology	Orthopedics	Otolaryngology	Pathology (Clinical)	Pediatrics	Physical Medicine	Psychiatry	Public Health Prev. Medicine	Radiology	Surgery	All Other Specialities	Unknown Specialty	Number in Department	Percent of Total Fulltime M.D. Faculty
BASIC SCIENCE																			
Anatomy	0	0	3	3	6	1	0	2	0	7	2	0	3	0	1	10	168	5	211	0.8
Biochemistry	0	0	3	20	0	1	1	0	0	2	1	0	0	0	0	0	83	3	114	0.4
Microbiology	0	1	5	35	0	0	0	0	0	24	7	0	0	2	0	0	105	4	183	0.7
Pathology	0	0	8	44	2	5	0	0	0	1817	18	0	0	0	6	1	73	20	1934	7.6
Pharmacology	1	0	6	57	3	2	0	0	1	3	4	0	1	0	1	2	173	4	258	1.0
Physiology	1	0	3	49	2	1	0	0	0	2	1	0	1	0	0	4	215	4	283	1.1
Other Basic	0	0	2	18	19	3	0	0	0	5	8	0	3	1	0	5	42	0	106	0.4
(Subtotal)	(2)	(1)	(30)	(226)	(32)	(13)	(1)	(2)	(1)	(1860)	(41)	(0)	(8)	(3)	(8)	(22)	(859)	(40)	(3149)	(12.0)
CLINICAL SCIENCE																			
Anesthesiology	1350	0	3	9	0	2	0	0	0	1	7	0	0	0	0	1	17	20	1410	5.4
Dermatology	0	164	1	6	0	0	0	0	0	0	2	0	0	0	0	0	3	2	178	0.7
Family Practice	1	0	398	53	0	2	0	0	0	2	21	0	9	28	1	2	21	4	542	2.1
Int. Medicine*	4	68	779	5599	73	2	1	0	0	93	11	23	15	27	40	9	112	48	6904	26.3
Neurology	0	0	4	7	685	0	0	0	0	16	11	1	13	0	1	7	17	13	775	3.0
OB/Gyn	1	0	1	19	0	1060	0	0	0	8	5	0	1	3	0	0	18	13	1129	4.3
Ophthalmology	0	0	3	3	1	0	375	0	0	2	1	0	0	0	0	8	8	6	407	1.6
Orthopedics	0	0	0	1	0	0	0	343	0	1	0	4	0	0	0	12	4	3	368	1.4
Otolaryngology	0	0	0	1	1	0	0	0	200	0	0	0	0	0	0	11	3	5	221	0.8
Pediatrics	1	0	3	107	67	1	1	1	0	0	2606	2	22	7	3	0	51	19	2900	11.1
Phys.Med & Rehab	3	0	2	7	1	0	0	1	0	0	3	243	2	0	0	1	4	2	269	1.0
Psychiatry	0	0	4	9	11	3	0	1	0	0	12	0	2131	3	1	1	60	26	2262	8.6
Pub.Hlth/Pr.Med.	0	1	55	77	0	7	0	1	0	7	40	4	5	152	3	7	37	6	402	1.5
Radiology	0	0	6	32	1	2	0	0	0	3	40	0	1	1	1799	4	25	11	1926	7.3
Surgery	21	0	5	38	5	0	39	147	67	4	36	7	1	0	1	2448	48	25	2892	11.0
Other Clinical	0	0	6	16	0	0	1	0	0	0	5	1	2	1	2	0	1	0	35	0.1
(Subtotal)	(1361)	(233)	(1270)	(5984)	(845)	(1079)	(417)	(494)	(267)	(146)	(2801)	(285)	(2202)	(222)	(1851)	(2511)	(429)	(203)	(22620)	(86.3)
OTHER	5	1	59	143	9	8	5	1	2	26	39	1	20	15	9	39	54	1	437	1.7
UNKNOWN DEPT.	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	3	*
TOTAL M.D. FACULTY	1388	235	1359	6354	886	1100	423	497	270	2032	2881	286	2231	240	1868	2572	1342	245	26209	100.0

* Includes faculty previously reported in General Medicine.

TABLE 8

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY
BY ACADEMIC DEPARTMENT & DEGREE 1967-68

ACADEMIC DEPARTMENT	TYPE OF DEGREE												TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Total Full-Time Fac.
BASIC DEPARTMENTS														
Anatomy	73	9.6	99	13.1	529	69.8	9	1.2	43	5.7	5	0.6	758	100.0
Biochemistry	41	4.4	53	5.8	789	85.6	1	0.1	38	4.1	0	0.0	922	100.0
Microbiology	34	5.3	90	13.9	458	71.0	9	1.4	51	7.9	3	0.5	645	100.0
Pathology - Basic	102	7.7	950	72.0	155	11.8	17	1.3	83	6.3	12	0.9	1319	100.0
Pharmacology	87	15.0	119	20.5	349	60.2	3	0.5	22	3.8	0	0.0	580	100.0
Physiology	81	9.9	163	19.9	532	64.8	5	0.6	34	4.1	6	0.7	821	100.0
Other Basic	14	6.0	30	12.9	161	69.4	2	0.9	21	9.1	4	1.7	232	100.0
(SUBTOTAL)	(432)	(8.2)	(1504)	(28.5)	(2973)	(56.3)	(46)	(0.9)	(292)	(5.5)	(30)	(0.6)	(5277)	(100.0)
CLINICAL DEPARTMENTS														
Anesthesiology	25	4.9	462	91.7	9	1.8	2	0.4	2	0.4	4	0.8	504	100.0
Dermatology	10	8.0	87	69.6	20	16.0	0	0.0	7	5.6	1	0.8	125	100.0
Family Practice	4	5.6	31	43.7	12	16.9	5	7.0	19	26.8	0	0.0	71	100.0
Internal Medicine	189	6.2	2647	86.7	123	4.1	4	0.1	76	2.5	13	0.4	3052	100.0
Neurology	34	8.0	330	77.6	48	11.3	0	0.0	11	2.6	2	0.5	425	100.0
Obstetrics/Gynecology	31	5.3	472	81.5	63	10.9	0	0.0	12	2.1	1	0.2	579	100.0
Ophthalmology	22	8.4	165	63.0	57	21.8	3	1.1	11	4.2	4	1.5	262	100.0
Orthopedic Surgery	11	7.8	118	83.7	7	5.0	0	0.0	4	2.8	1	0.7	141	100.0
Otolaryngology	5	2.7	91	49.5	48	26.1	3	1.6	37	20.1	0	0.0	184	100.0
Pediatrics	56	3.7	1236	82.4	128	8.5	3	0.2	75	5.0	3	0.2	1501	100.0
Physical Medicine & Rehabilitation	10	3.7	142	51.8	40	14.6	0	0.0	74	27.0	8	2.9	274	100.0
Psychiatry	44	2.6	981	58.3	451	26.8	1	0.1	199	11.8	6	0.4	1682	100.0
Public Health & Preventive Medicine	24	4.6	207	39.3	147	27.9	6	1.1	138	26.2	5	0.9	527	100.0
Radiology	32	3.7	639	72.7	103	11.7	2	0.2	86	9.8	17	1.9	879	100.0
Surgery	117	8.2	1176	82.8	80	5.6	12	0.9	27	1.9	8	0.6	1420	100.0
Other Clinical	0	0.0	1	50.0	0	0.0	0	0.0	1	50.0	0	0.0	2	100.0
(SUBTOTAL)	(614)	(5.3)	(8785)	(75.5)	(1336)	(11.5)	(41)	(0.4)	(779)	(6.7)	(73)	(0.6)	(11628)	(100.0)
OTHER DEPARTMENTS	28	3.2	232	26.1	219	24.7	48	5.4	342	38.6	18	2.0	887	100.0
UNKNOWN DEPARTMENT	0	0.0	6	66.7	3	33.3	0	0.0	0	0.0	0	0.0	9	100.0
TOTAL FULL-TIME FACULTY	1074	6.0	10527	59.1	4531	25.5	135	0.8	1413	7.9	121	0.7	17801	100.0

TABLE 9
NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY
BY ACADEMIC DEPARTMENT & DEGREE 1977-78

ACADEMIC DEPARTMENT	TYPE OF DEGREE												TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Total Faculty
BASIC DEPARTMENTS														
Anatomy	99	6.8	112	7.7	1184	81.7	12	0.8	37	2.6	6	0.4	1450	100.0
Biochemistry	55	3.4	59	3.6	1466	89.7	4	0.2	28	1.7	23	1.4	1635	100.0
Microbiology	60	4.6	123	9.5	1033	79.7	7	0.5	53	4.1	21	1.6	1297	100.0
Pathology - Basic	239	8.4	1755	61.8	571	20.1	40	1.4	193	6.8	41	1.5	2839	100.0
Pharmacology	106	9.4	152	13.5	826	73.3	9	0.8	30	2.7	3	0.3	1126	100.0
Physiology	115	7.7	168	11.3	1151	77.4	8	0.5	38	2.6	8	0.5	1488	100.0
Other Basic	26	4.9	80	15.2	379	72.2	5	1.0	30	5.7	5	1.0	525	100.0
(SUBTOTAL)	(700)	(6.8)	(2449)	(23.6)	(6610)	(63.8)	(85)	(0.8)	(409)	(4.0)	(107)	(1.0)	(10360)	(100.0)
CLINICAL DEPARTMENTS														
Anesthesiology	70	4.6	1340	88.9	58	3.8	6	0.4	22	1.5	12	0.8	1508	100.0
Dermatology	14	6.1	164	71.6	39	17.1	1	0.4	3	1.3	8	3.5	229	100.0
Family Practice	13	1.6	529	66.5	104	13.1	11	1.4	127	16.0	11	1.4	795	100.0
Internal Medicine	360	4.7	6544	85.4	536	7.0	11	0.1	155	2.0	61	0.8	7667	100.0
Neurology	62	6.4	713	73.3	141	14.5	1	0.1	35	3.6	20	2.1	972	100.0
Obstetrics/Gynecology	68	5.0	1061	78.1	162	11.9	4	0.3	49	3.6	14	1.1	1358	100.0
Ophthalmology	37	6.6	370	65.5	120	21.2	5	0.9	22	3.9	11	1.9	565	100.0
Orthopedic Surgery	18	4.4	350	84.7	30	7.3	1	0.2	11	2.7	3	0.7	413	100.0
Otolaryngology	10	2.5	211	53.3	109	27.5	4	1.0	59	14.9	3	0.8	396	100.0
Pediatrics	113	3.3	2787	80.4	327	9.4	20	0.6	183	5.3	34	1.0	3464	100.0
Physical Medicine & Rehabilitation	12	2.4	257	51.0	86	17.0	3	0.6	136	27.0	10	2.0	504	100.0
Psychiatry	98	2.5	2164	55.5	1150	29.5	2	*	439	11.3	46	1.2	3899	100.0
Public Health & Preventive Medicine	29	2.8	373	36.7	371	36.5	19	1.9	202	19.9	22	2.2	1016	100.0
Radiology	93	3.7	1833	72.8	386	15.3	10	0.4	146	5.8	50	2.0	2518	100.0
Surgery	189	5.7	2703	82.2	229	7.0	46	1.4	74	2.2	49	1.5	3290	100.0
Other Clinical	1	1.8	34	59.6	11	19.3	0	0.0	11	19.3	0	0.0	57	100.0
(SUBTOTAL)	(1187)	(4.1)	(21433)	(74.8)	(3359)	(13.5)	(144)	(0.5)	(1674)	(5.9)	(354)	(1.2)	(28651)	(100.0)
OTHER DEPARTMENTS	47	2.2	390	18.2	665	31.0	147	6.9	845	39.4	50	2.3	2144	100.0
UNKNOWN DEPARTMENTS	1	16.7	2	33.2	1	16.7	1	16.7	1	16.7	0	0.0	6	100.0
TOTAL FULL-TIME FACULTY	1935	4.7	24274	59.0	11135	27.1	377	0.9	2929	7.1	511	1.2	41161	100.0

TABLE 10

CHANGE IN PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY

1967-68 TO 1977-78 BY DEGREE & DEPARTMENT

ACADEMIC DEPARTMENTS	TYPE OF DEGREE						TOTAL FULL-TIME FACULTY
	Percent Change						
	M.D. & Ph.D.	M.D.	Ph.D.	O.H.D.	Non-Doctoral	Unknown Degree	
BASIC DEPARTMENTS							
Anatomy	-2.8	-5.4	11.9	-0.4	-3.1	-0.2	0.0
Biochemistry	-1.0	-2.2	4.1	0.1	-2.4	1.4	0.0
Microbiology	-0.7	-4.4	8.7	-0.9	-3.8	1.1	0.0
Pathology - Basic	0.7	-10.2	8.3	0.1	0.5	0.6	0.0
Pharmacology	-5.6	-7.0	13.1	0.3	-1.1	0.3	0.0
Physiology	-2.2	-8.6	12.6	-0.1	-1.5	-0.2	0.0
Other Basic	-1.1	2.3	2.8	0.1	-3.4	-0.7	0.0
(SUBTOTAL)	(-1.4)	(-4.9)	(7.5)	(-0.1)	(-1.5)	(0.4)	(0.0)
CLINICAL DEPARTMENTS							
Anesthesiology	-0.3	-2.8	2.0	0.0	1.1	0.0	0.0
Dermatology	-1.9	2.0	1.1	0.4	-4.3	2.7	0.0
Family Practice	-4.0	22.8	-3.8	-5.6	-10.8	1.4	0.0
Internal Medicine	-1.5	-1.3	2.9	0.0	-0.5	0.4	0.0
Neurology	-1.6	-4.3	3.2	0.1	1.0	1.6	0.0
Obstetrics/Gynecology	-0.3	-3.4	1.0	0.3	1.5	0.9	0.0
Ophthalmology	-1.8	2.5	-0.6	-0.2	-0.3	0.4	0.0
Orthopedic Surgery	-3.4	1.0	2.3	0.2	-0.1	0.0	0.0
Otolaryngology	-0.2	3.9	1.4	-0.6	-5.2	0.8	0.0
Pediatrics	-0.4	-2.0	0.9	0.4	0.3	0.8	0.0
Physical Medicine & Rehabilitation	-1.3	-0.8	2.1	0.6	0.0	-0.9	0.0
Psychiatry	-0.1	-2.8	2.7	-0.1	-0.5	0.8	0.0
Public Health & Preventive Medicine	-1.8	-2.6	8.6	0.8	-0.3	1.3	0.0
Radiology	0.0	0.1	3.6	0.2	-4.0	0.1	0.0
Surgery	-2.5	-0.6	1.4	0.5	0.3	0.9	0.0
(SUBTOTAL)	(-1.2)	(-0.7)	(2.0)	(0.1)	(-0.8)	(0.6)	(0.0)
OTHER DEPARTMENTS	-1.0	-7.9	6.3	1.5	0.8	0.3	0.0
TOTAL FULL-TIME FACULTY	-1.3	-0.1	1.6	0.1	-0.8	0.5	0.0

NOTE: There were no faculty in the "Other Clinical" department category in 1967-68, so this category has been omitted. Faculty in "Unknown" department category have been omitted; such faculty totaled 6 in 1977-78 full-time and 9 in 1967-68 full-time.

TABLE 11

RATIO OF FULL-TIME MEDICAL SCHOOL FACULTY

1977-78/1967-68, BY DEPARTMENT AND DEGREE TYPE

ACADEMIC DEPARTMENT	TYPE OF DEGREE						TOTAL FULL-TIME FACULTY RATIO
	Ratio: 77-78/67-68						
	M.D. & Ph.D.	M.D.	Ph.D.	O.H.D.	Non-Doctoral	Unknown Degree	
BASIC DEPARTMENTS							
Anatomy	1.346	1.131	2.238	1.333	.860	1.200	1.913
Biochemistry	1.341	1.113	1.358	4.000	.737	**	1.773
Microbiology	1.765	1.367	2.255	.778	1.039	7.000	2.011
Pathology	2.343	1.847	3.684	2.353	2.325	3.417	2.152
Pharmacology	1.184	1.277	2.367	3.000	1.364	**	1.941
Physiology	1.420	1.031	2.164	1.600	1.118	1.333	1.812
Other Basic	1.852	2.667	2.354	2.500	1.429	1.250	2.263
(SUBTOTAL)	(1.620)	(1.628)	(2.223)	(1.848)	(1.401)	(3.567)	(1.963)
CLINICAL DEPARTMENTS							
Anesthesiology	2.800	2.900	6.444	3.000	11.000	3.000	2.992
Dermatology	1.400	1.885	1.950	**	.429	8.000	1.832
Family Practice	3.250	17.065	8.667	2.200	6.684	**	11.197
Internal Medicine	1.905	2.472	4.358	2.750	2.039	4.692	2.512
Neurology	1.824	2.161	2.938	**	3.182	10.000	2.287
Obstetrics/Gynecology	2.194	2.248	2.571	**	4.083	14.000	2.345
Ophthalmology	1.682	2.242	2.105	1.667	2.000	2.750	2.156
Orthopedic Surgery	1.636	2.966	4.286	**	2.750	3.000	2.929
Otolaryngology	2.000	2.319	2.271	1.333	1.595	**	2.152
Pediatrics	2.018	2.255	2.555	6.667	2.440	11.333	2.308
Physical Medicine & Rehabilitation	1.200	1.810	2.150	**	1.838	1.250	1.839
Psychiatry	2.227	2.206	2.550	2.000	2.206	7.667	2.318
Public Health & Preventive Medicine	1.208	1.802	2.524	3.167	1.464	4.400	1.929
Radiology	2.906	2.869	2.748	5.000	1.698	2.941	2.865
Surgery	1.615	2.298	2.863	3.833	2.741	6.125	2.317
(SUBTOTAL)	(1.933)	(2.440)	(2.888)	(3.512)	(2.150)	(4.849)	(2.464)
OTHER DEPARTMENTS	1.679	1.681	3.037	3.063	2.471	2.778	2.417
TOTAL FULL-TIME FACULTY	1.802	2.306	2.458	2.793	2.073	4.223	2.312

NOTE: Unknown rank and Unknown department data have been omitted from this table because department totals are too small for meaningful comparison. Other Clinical category has been omitted because there were no faculty in this category in 1967-68.

** Either 1967-68 or 1977-78 base is zero

B. AREAS OF RESPONSIBILITY

The Faculty Roster System contains data for each faculty member on the number of areas of responsibility for which the level of effort is ten percent or more. These areas are described as Teaching, Research, Patient Care, Administration, and Other. The following four tables display this data by type of degree (Table 12), nature of employment (Table 13), basic or clinical department (Table 14), and faculty involvement in teaching and research responsibilities. (Table 15).

Responsibilities by Degree

Table 12, areas of responsibility by type of degree, provides data that shows a direct correlation between the degree type and the number of areas of responsibility. M.D.'s cluster in the three or more areas of responsibility grouping; while non-doctoral degree faculty cluster in the one or two areas of responsibility. Ph.D. faculty, with little patient care responsibility, are proportionably higher in the two areas of responsibility grouping "research and teaching."

Responsibilities by Nature of Employment

Geographic full-time faculty have the largest proportion of individuals in the three areas of responsibility grouping, 40.4 percent, with teaching, research, and patient care duties the highest combination at 28.6 percent. Strict full-time affiliated faculty follow with 36.4 percent of the faculty involved in three areas of responsibility with the combination of teaching, research and patient care being the largest at 23.8 percent. The largest proportion, 40.4 percent of strict full-time faculty are involved in two areas of responsibility, with teaching and research the predominant involvement at 26.2 percent. (Table 13)

Responsibilities by Type of Department

There is a substantial difference in the percent of faculty with multiple responsibilities in the basic vs clinical departments. Basic Departments have 57.9% of the faculty with two areas of responsibility, while clinical department show 28.5% of faculty with two responsibilities.

Combining the two and three areas of responsibility categories one finds the following percentages: Basic at 79.6%, Clinical at 66.7% and Other at 54.6%. Most faculty (55.2%) in "Other Departments" are concentrated in the one and two areas of responsibility. (Table 14)

Teaching and Research Responsibilities by Degree

Teaching and research responsibilities by degree shows that more (86.5%) faculty have teaching as part of their responsibility than research (68.1%). In both the teaching and research responsibilities categories the majority of faculty were concentrated in part-teaching and part-research activities.

It is interesting to note that 14.8% of Ph.D. faculty, 7.5% of M.D.-Ph.D. faculty, and only 5.6% of M.D. faculty do no teaching. Fully 35.1% of M.D. faculty do no research, while only 8.8% of Ph.D. faculty and 11.5% of M.D.-Ph.D. faculty do no research. (Table 15)

TABLE 12

NUMBER & .ERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY
BY AREAS OF RESPONSIBILITY & DEGREE TYPE
1977-78

AREAS OF RESPONSIBILITY	TYPE OF DEGREE												TOTAL FULL-TIME FACULTY	
	MD & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree
ONE AREA OF RESPONSIBILITY														
Teaching	37	1.9	997	4.1	315	2.8	27	7.2	334	11.4	21	4.1	1731	4.2
Research	87	4.5	309	1.3	1262	11.3	25	6.6	296	10.1	22	4.3	2001	4.9
Patient Care	8	0.4	529	2.2	34	0.3	23	6.1	127	4.3	12	2.3	733	1.8
Administration	18	0.9	229	0.9	87	0.8	10	2.6	175	6.0	11	2.2	530	1.3
Other	1	0.1	30	0.1	20	0.2	3	0.8	136	4.6	3	0.6	193	0.5
(SUBTOTAL)	(151)	(7.8)	(2094)	(8.6)	(1718)	(15.4)	(88)	(23.3)	(1068)	(36.4)	(69)	(13.5)	(5188)	(12.7)
TWO AREAS OF RESPONSIBILITY														
Teaching & Research	432	22.3	1446	6.0	6013	54.0	47	12.5	265	9.0	36	7.0	8239	20.0
Teaching & Patient Care	90	4.7	4232	17.4	226	2.0	49	13.0	421	14.4	40	7.8	5058	12.3
Teaching & Administration	21	1.1	416	1.7	137	1.2	8	2.1	188	6.4	9	1.8	779	1.9
Other Combination	28	1.4	281	1.2	238	2.1	17	4.5	202	6.9	19	3.7	785	1.9
(SUBTOTAL)	(571)	(29.5)	(6375)	(26.3)	(6614)	(59.3)	(121)	(32.1)	(1076)	(36.7)	(104)	(20.3)	(14861)	(36.1)
THREE AREAS OF RESPONSIBILITY														
Teaching, Research, Patient Care	559	28.9	7337	30.2	752	6.8	47	12.5	193	6.6	36	7.0	8924	21.7
Teaching, Research, Administration	171	8.8	653	2.7	1095	9.8	26	6.9	74	2.5	9	1.8	2028	4.9
Teaching, Patient Care, Administration	38	2.0	1792	7.4	84	0.8	24	6.4	214	7.3	11	2.2	2163	5.2
Other Combination	16	0.8	250	1.0	167	1.5	17	4.5	97	3.3	3	0.6	550	1.3
(SUBTOTAL)	(784)	(40.5)	(10032)	(41.3)	(2098)	(18.9)	(114)	(30.3)	(579)	(19.7)	(59)	(11.6)	(13665)	(33.1)
FOUR AREAS OF RESPONSIBILITY														
Teaching, Research, Patient Care, Administration	346	17.9	4630	19.1	410	3.7	38	10.1	104	3.6	20	3.9	5548	13.5
Other Combination	9	0.5	154	0.6	63	0.6	8	2.1	31	1.1	1	0.2	266	0.6
(SUBTOTAL)	(355)	(18.4)	(4784)	(19.7)	(473)	(4.3)	(46)	(12.2)	(135)	(4.7)	(21)	(4.1)	(5814)	(14.1)
FIVE AREAS OF RESPONSIBILITY														
Teaching, Research, Patient Care, Administration, Other	16	0.8	217	0.9	31	0.3	2	0.5	17	0.6	1	0.2	284	0.7
UNKNOWN RESPONSIBILITY	58	3.0	772	3.2	201	1.9	6	1.6	55	1.9	257	50.3	1349	3.3
TOTAL FULL-TIME FACULTY	1935	100.0	24274	100.0	11135	100.0	377	100.0	2929	100.0	511	100.0	41161	100.0

TABLE 13

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY

BY NATURE OF EMPLOYMENT, DEGREE TYPE & AREAS OF RESPONSIBILITY 1977-7°

AREAS OF RESPONSIBILITY	TYPE OF DEGREE & NATURE OF EMPLOYMENT															
	M.D. and Ph.D.								M.D.							
	Strict Full-Time				Geographic Full-Time				Strict Full-Time				Geographic Full-Time			
	SFT		SFTA		GFT		GFTA		SFT		SFTA		GFT		GFTA	
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree
ONE AREA OF RESPONSIBILITY																
Teaching	25	1.8	5	2.4	7	2.8	0	0.0	442	3.2	295	6.6	168	3.8	92	5.3
Research	69	4.9	7	3.3	11	4.3	0	0.0	227	1.7	41	0.9	24	0.5	17	1.0
Patient Care	3	0.1	2	1.0	2	0.8	2	3.3	215	1.6	150	3.4	61	1.4	103	5.9
Administration	14	1.0	3	1.4	1	0.4	0	0.0	156	1.1	29	0.6	35	0.8	9	0.5
Other	0	0.0	1	0.4	0	0.0	4	6.7	14	0.1	8	0.2	8	0.2	0	0.0
(SUBTOTAL)	(110)	(7.8)	(18)	(8.5)	(21)	(8.3)	(6)	(10.0)	(1054)	(7.7)	(523)	(11.7)	(296)	(6.7)	(221)	(12.7)
TWO AREAS OF RESPONSIBILITY																
Teaching, Research	383	27.1	23	11.0	22	8.7	7	11.7	1075	7.8	166	3.7	167	3.8	38	2.2
Teaching, Patient Care	56	4.0	17	8.1	10	4.0	1	1.7	2306	16.8	941	21.2	686	15.6	299	17.1
Teaching, Administration	16	1.1	2	1.0	2	0.8	0	0.0	214	1.6	79	1.8	92	2.1	31	1.8
Other Combination	20	1.4	3	1.4	5	2.0	0	0.0	147	1.1	68	1.5	44	1.0	22	1.3
(SUBTOTAL)	(475)	(33.6)	(45)	(21.5)	(39)	(15.5)	(8)	(13.4)	(3742)	(27.3)	(1254)	(28.2)	(989)	(22.5)	(390)	(22.4)
THREE AREAS OF RESPONSIBILITY																
Teaching, Research, Patient Care	381	27.0	67	31.9	94	37.3	17	28.3	4429	32.3	1167	26.3	1365	31.2	377	21.6
Teaching, Research, Administration	145	10.3	10	4.8	12	4.8	4	6.7	474	3.5	69	1.6	88	2.0	22	1.3
Teaching, Patient Care, Administration	23	1.6	5	2.4	8	3.2	2	3.3	810	5.9	410	9.2	399	9.1	173	9.9
Other Combination	8	0.6	6	2.9	2	0.8	0	0.0	125	0.9	85	1.9	31	0.7	9	0.5
(SUBTOTAL)	(557)	(39.4)	(88)	(42.0)	(116)	(46.1)	(23)	(38.3)	(5837)	(42.6)	(1731)	(39.0)	(1883)	(43.0)	(581)	(33.3)
FOUR AREAS OF RESPONSIBILITY																
Teaching, Reserach, Patient Care, Administration	215	15.2	51	24.3	65	25.8	15	25.0	2519	18.4	745	16.9	1074	24.5	292	16.8
Other Combination	7	0.5	2	1.0	0	0.0	0	0.0	61	0.4	55	1.2	25	0.6	13	0.7
(SUBTOTAL)	(222)	(15.7)	(53)	(25.3)	(65)	(25.8)	(15)	(25.0)	(2580)	(18.8)	(800)	(18.0)	(1099)	(25.1)	(305)	(17.5)
FIVE AREAS OF RESPONSIBILITY																
Teaching,Research,Patient Care,Administration,Other	8	0.6	1	0.4	4	1.6	3	5.0	122	0.9	30	0.7	55	1.3	10	0.6
UNKNOWN RESPONSIBILITY	41	2.9	5	2.4	7	2.8	5	8.3	370	2.7	106	2.4	60	1.4	236	13.5
TOTAL FULL-TIME FACULTY	1413	100.0	210	100.0	252	100.0	60	100.0	13705	100.0	4444	100.0	4382	100.0	1743	100.0

TABLE 13 (Cont.)

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY
BY NATURE OF EMPLOYMENT, DEGREE TYPE & AREAS OF RESPONSIBILITY 1977-78

AREA of RESPONSIBILITY	TYPE OF DEGREE & NATURE OF EMPLOYMENT																			
	Ph.D.								O.H.D.								Non-Doctoral			
	Strict Full-Time				Geographic Full-Time				Strict Full-Time				Geographic Full-Time				Strict Full-Time			
	SFT		SFTA		GFT		GFTA		SFT		SFTA		GFT		GFTA		SFT		SFTA	
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree
ONE																				
T	255	2.6	35	5.8	14	2.2	11	6.3	21	7.1	3	9.4	1	2.7	2	15.4	297	12.2	20	7.9
R	1100	11.3	98	16.2	47	7.5	17	9.7	23	7.8	0	0.0	1	2.7	1	7.7	251	10.4	14	5.6
P	19	0.2	8	1.3	6	1.0	1	0.6	12	4.1	4	12.5	5	13.5	2	15.4	98	4.0	18	7.1
A	78	0.8	7	1.1	2	0.3	0	0.0	8	2.7	2	6.3	0	0.0	0	0.0	145	6.0	15	6.0
O	17	0.2	2	0.3	1	0.2	0	0.0	1	0.3	2	6.3	0	0.0	0	0.0	128	5.3	3	1.2
(SUBTOTAL)	(1469)	(15.1)	(150)	(24.7)	(70)	(11.2)	(29)	(16.6)	(65)	(22.0)	(11)	(34.4)	(7)	(18.9)	(5)	(38.5)	(919)	(37.9)	(70)	(27.8)
TWO																				
T & R	5559	57.1	178	29.4	235	37.5	41	23.3	44	14.9	1	3.1	2	5.4	0	0.0	244	10.1	10	4.0
T & P	152	1.6	26	4.3	27	4.3	21	11.9	30	10.2	8	25.0	8	21.7	3	23.0	317	13.1	48	19.0
T & A	117	1.2	8	1.3	11	1.8	1	0.6	7	2.4	0	0.0	1	2.7	0	0.0	160	6.6	17	6.7
Other Comb.	183	1.9	37	6.1	10	1.6	8	4.5	16	5.4	1	3.1	0	0.0	0	0.0	166	6.8	23	9.1
(SUBTOTAL)	(6011)	(61.8)	(249)	(41.1)	(283)	(45.2)	(71)	(40.3)	(97)	(32.9)	(10)	(31.2)	(11)	(29.8)	(3)	(23.0)	(887)	(36.6)	(98)	(38.8)
THREE																				
T,R & P	539	5.5	77	12.7	104	16.6	32	18.2	37	12.5	2	6.3	7	18.9	1	7.7	153	6.3	17	6.7
T,R & A	991	10.2	34	5.6	64	10.2	6	3.4	22	7.5	0	0.0	2	5.4	2	15.4	65	2.7	4	1.6
T,P & A	46	0.5	19	3.1	11	1.8	8	4.5	16	5.4	5	15.6	2	5.4	1	7.7	168	6.9	30	11.9
Other Comb.	140	1.4	18	3.0	9	1.4	0	0.0	15	5.1	0	0.0	1	2.7	1	7.7	84	3.5	9	3.6
(SUBTOTAL)	(1716)	(17.6)	(148)	(24.4)	(188)	(30.0)	(46)	(26.1)	(90)	(30.5)	(7)	(21.9)	(12)	(32.4)	(5)	(38.5)	(470)	(19.4)	(60)	(23.8)
FOUR																				
T,R,P & A	283	2.9	44	7.3	68	10.9	15	8.5	31	10.5	4	12.5	3	8.1	0	0.0	80	3.3	12	4.8
Other Comb.	56	0.6	3	0.5	4	0.6	0	0.0	5	1.7	0	0.0	3	8.1	0	0.0	25	1.0	3	1.2
(SUBTOTAL)	(339)	(3.5)	(47)	(7.8)	(72)	(11.5)	(15)	(8.5)	(36)	(12.2)	(4)	(12.5)	(6)	(16.2)	(0)	(0.0)	(105)	(4.3)	(15)	(6.0)
FIVE																				
T,R,P,A,O	25	0.3	1	0.2	2	0.3	3	1.7	2	0.7	0	0.0	0	0.0	0	0.0	6	0.2	1	0.4
UNKNOWN	167	1.7	11	1.8	11	1.8	12	6.8	5	1.7	0	0.0	1	2.7	0	0.0	40	1.6	8	3.2
TOTAL FULL-TIME FACULTY	9727	100.0	606	100.0	626	100.0	176	100.0	295	100.0	32	100.0	37	100.0	13	100.0	2427	100.0	252	100.0

AREA of RESPONSIBILITY	Non-Doctoral							
	Geographic Full-Time							
	GFT		GFTA					
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree				
ONE								
T	16	7.3	1	3.2				
R	25	11.4	6	19.4				
P	11	5.0	0	0.0				
A	12	5.5	3	9.7				
O	5	2.3	0	0.0				
(SUBTOTAL)	(69)	(31.5)	(10)	(32.3)				
TWO								
T & R	11	5.0	0	0.0				
T & P	46	21.0	10	32.3				
T & A	10	4.6	1	3.2				
Other Comb.	12	5.5	1	3.2				
(SUBTOTAL)	(79)	(36.1)	(12)	(38.7)				
THREE								
T,R & P	18	8.2	5	16.1				
T,R & A	4	1.8	1	3.2				
T,P & A	15	6.8	1	3.2				
Other Comb.	4	1.8	0	0.0				
(SUBTOTAL)	(41)	(18.6)	(7)	(22.5)				
FOUR								
T,R,P & A	10	4.6	2	6.5				
Other Comb.	3	1.4	0	0.0				
(SUBTOTAL)	(13)	(6.0)	(2)	(6.5)				
FIVE								
T,R,P,A,O	10	4.6	0	0.0				
UNKNOWN	7	3.2	0	0.0				
TOTAL FULL-TIME FACULTY	219	100.0	31	100.0				

TABLE 13 (Cont.)

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY
BY NATURE OF EMPLOYMENT, DEGREE TYPE & AREAS OF RESPONSIBILITY 1977-78

AREA of RESPONSIBILITY	TYPE OF DEGREE & NATURE OF EMPLOYMENT														TOTAL FULL-TIME FACULTY BY AREAS OF RESPONSIBILITY	
	Unknown Degree or Employment Status								Total Faculty by Nature of Employment									
	Strict Full-Time				Geographic Full-Time				Strict Full-Time				Geographic Full-Time					
	SFT		SFTA		GFT		GFTA		SFT		SFTA		GFT		GFTA			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Faculty
ONE																		
T	14	3.7	5	11.9	1	1.4	1	5.8	1054	3.8	363	6.5	207	3.7	107	5.3	1731	4.2
R	20	5.3	1	2.4	1	1.4	0	0.0	1690	6.0	161	2.9	109	1.9	41	2.0	2001	4.9
P	10	2.6	1	2.4	1	1.4	0	0.0	356	1.3	183	3.3	86	1.5	108	5.3	733	1.8
A	9	2.4	2	4.7	0	0.0	0	0.0	410	1.5	58	1.0	50	0.9	12	0.6	530	1.3
O	3	0.8	0	0.0	0	0.0	0	0.0	163	0.6	16	0.3	14	0.2	4	0.2	197	0.5
(SUBTOTAL)	(56)	(14.8)	(9)	(21.4)	(3)	(4.2)	(1)	(5.8)	(3673)	(13.2)	(781)	(14.0)	(466)	(8.2)	(272)	(13.4)	(5192)	(12.7)
TWO																		
T & R	24	6.3	4	9.5	8	11.1	0	0.0	7329	26.2	382	6.8	445	8.0	86	4.2	8242	20.0
T & P	22	5.8	8	19.0	8	11.1	2	11.8	2383	10.3	1048	18.8	785	14.0	336	16.5	5052	12.3
T & A	7	1.8	1	2.4	1	1.4	0	0.0	521	1.9	107	1.9	117	2.1	33	1.6	778	1.9
Other Comb.	18	4.7	0	0.0	1	1.4	0	0.0	550	2.0	132	2.4	72	1.3	31	1.5	785	1.9
(SUBTOTAL)	(71)	(18.6)	(13)	(30.9)	(18)	(25.0)	(2)	(11.8)	(11283)	(40.4)	(1669)	(29.9)	(1419)	(25.4)	(486)	(23.8)	(14857)	(36.1)
THREE																		
T,R & P	22	5.8	2	4.8	9	12.5	3	17.6	5550	19.9	1332	23.8	1597	28.6	435	21.3	8924	21.7
T,R & A	8	2.1	0	0.0	1	1.4	0	0.0	1705	6.1	117	2.1	171	3.1	35	1.7	2028	4.9
T,P & A	8	2.1	1	2.4	2	2.8	0	0.0	1071	3.8	470	8.4	437	7.8	185	9.1	2163	5.2
Other Comb.	2	0.5	0	0.0	1	1.4	0	0.0	374	1.3	118	2.1	48	0.9	10	0.5	550	1.3
(SUBTOTAL)	(40)	(10.5)	(3)	(7.2)	(13)	(18.1)	(3)	(17.6)	(9710)	(31.1)	(2037)	(36.4)	(2253)	(40.4)	(665)	(32.6)	(13665)	(33.1)
FOUR																		
T,R,P & A	12	3.2	4	9.5	2	2.7	2	11.8	3140	11.2	860	15.4	1222	21.9	326	16.0	5548	13.5
Other Comb.	1	0.3	0	0.0	0	0.0	0	0.0	155	0.6	63	1.1	35	0.6	13	0.6	266	0.6
(SUBTOTAL)	(13)	(3.5)	(4)	(9.5)	(2)	(2.7)	(2)	(11.8)	(3295)	(11.8)	(923)	(16.5)	(1257)	(22.5)	(339)	(16.6)	(5814)	(14.1)
FIVE																		
T,R,P,A,O	0	0.0	0	0.0	1	1.4	0	0.0	163	0.6	33	0.6	72	1.3	16	0.8	284	0.7
UNKNOWN	200	52.6	13	31.0	35	48.6	9	52.9	823	2.9	143	2.6	121	2.2	262	12.8	1349	3.3
TOTAL FULL-TIME FACULTY	380	100.0	42	100.0	72	100.0	17	100.0	27947	100.0	5586	100.0	5588	100.0	2040	100.0	41161	100.0

TABLE 14

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY
BY BASIC, CLINICAL & OTHER DEPARTMENTS, 1977-78

AREAS OF RESPONSIBILITY	TYPE OF DEPARTMENT						TOTAL FULL-TIME FACULTY	
	Basic Science Departments		Clinical Science Departments		Other Departments			
	Number of Faculty	Percent of Department	Number of Faculty	Percent of Department	Number of Faculty	Percent of Department	Number of Faculty	Percent of Responsibility
ONE AREA OF RESPONSIBILITY								
Teaching	431	4.2	1089	3.8	211	9.9	1731	4.2
Research	708	6.8	1226	4.3	67	3.1	2001	4.9
Patient Care	44	0.4	627	2.2	62	2.9	733	1.8
Administration	50	0.5	209	0.7	271	12.6	530	1.3
Other	20	0.2	59	0.2	114	5.3	193	0.5
(SUBTOTAL)	(1253)	(12.1)	(3210)	(11.2)	(725)	(33.8)	(5188)	(12.7)
TWO AREAS OF RESPONSIBILITY								
Teaching & Research	5440	52.5	2530	8.8	269	12.4	8239	20.0
Teaching & Patient Care	299	2.9	4626	16.2	133	6.2	5058	12.3
Teaching & Administration	109	1.1	492	1.7	178	8.3	779	1.9
Other Combination of Two	140	1.4	530	1.8	115	5.4	785	1.9
(SUBTOTAL)	(5988)	(57.9)	(8178)	(28.5)	(695)	(32.4)	(14861)	(36.1)
THREE AREAS OF RESPONSIBILITY								
Teaching, Research & Patient Care	902	8.7	7914	27.6	108	5.0	8924	21.7
Teaching, Research & Administration	1071	10.3	793	2.8	164	7.7	2028	4.9
Teaching, Patient Care & Administration	141	1.4	1893	6.6	129	6.0	2163	5.2
Other Combination of Three	137	1.3	340	1.2	73	3.4	550	1.3
(SUBTOTAL)	(2251)	(21.7)	(10940)	(38.2)	(474)	(22.2)	(13665)	(33.1)
FOUR AREAS OF RESPONSIBILITY								
Teaching, Research, Patient Care & Administration	551	5.3	4833	16.9	164	7.6	5548	13.5
Other Combination of Four	40	0.4	203	0.7	23	1.1	266	0.6
(SUBTOTAL)	(591)	(5.7)	(5036)	(17.6)	(187)	(8.7)	(5814)	(14.1)
FIVE AREAS OF RESPONSIBILITY								
Teaching, Research, Patient Care, Administration & Other	34	0.3	228	0.8	22	1.0	284	0.7
UNKNOWN AREA OF RESPONSIBILITY	243	2.3	1065	3.7	41	1.9	1349	3.3
TOTAL FULL-TIME FACULTY	10360	100.0	28657	100.0	2144	100.0	41161	100.0

TABLE 15

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY BY TEACHING & RESEARCH ACTIVITIES, BY DEGREE TYPE, 1977-78

TEACHING AND RESEARCH ACTIVITIES	TYPE OF DEGREE												TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Degree Unknown			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Total Faculty
TEACHING RESPONSIBILITY														
Full Teaching Activity	37	1.9	997	4.1	315	2.8	27	7.2	334	11.4	21	4.1	1,731	4.2
Part Teaching Activity	1,695	87.6	21,133	87.1	8,975	80.6	264	70.0	1,633	55.7	169	33.1	33,869	82.3
No Teaching Activity	145	7.5	1,372	5.6	1,644	14.8	80	21.2	907	31.0	64	12.5	4,212	10.2
Unknown Responsibility	58	3.0	772	3.2	201	1.8	6	1.6	55	1.9	257	50.3	1,349	3.3
TOTAL FACULTY	1,935	100.0	24,274	100.0	11,135	100.0	377	100.0	2,929	100.0	511	100.0	41,161	100.0
RESEARCH RESPONSIBILITY														
Full Research Activity	87	4.5	309	1.3	1,262	11.3	25	6.6	296	10.1	22	4.3	2,001	4.9
Part Research Activity	1,568	81.0	14,661	60.4	8,687	78.0	191	50.7	806	27.5	113	22.1	26,026	63.2
No Research Activity	222	11.5	8,532	35.1	985	8.9	155	41.1	1,772	60.5	119	23.3	11,785	28.6
Unknown Responsibility	58	3.0	772	3.2	201	1.8	6	1.6	55	1.9	257	50.3	1,349	3.3
TOTAL FACULTY	1,935	100.0	24,274	100.0	11,135	99.9	377	100.0	2,929	100.0	511	100.0	41,161	100.0

C. TRAINING AND CREDENTIALS

This section describes in twelve tables full-time faculty training (residencies and internships) and credentials (awards and board certifications). It is subdivided into three sections: 1) Awards to full-time doctoral faculty (Table 16), 2) Training, awards and specialties of full-time M.D. faculty (Table 17-23), and 3) Awards to full-time Ph.D. faculty (Table 24-27).

Awards to Full-Time Faculty

Post-Doctoral Awards

Data concerning the number of post-doctoral awards by degree and clinical or research type of award is presented in Table 16 for 1977-78 faculty. Of the full time doctoral faculty 42.2% have received at least one award; approximately 64% were basic and 36% were clinical awards. More than one award was received by 32% of the faculty. (Table 16)

Training, Awards and Specialities of full time M.D. Faculty

Post-Doctoral Awards by Speciality Source and Year of Award

For current full time faculty, total M.D. post-doctoral awards were less by almost half in the 1970-78 period when compared to the 1960-69 period (ratio = .546). This cannot be directly interpreted as a decline in postdoctoral training, however, because many of the most recent trainees may have yet to achieve their first faculty appointment.

Four clinical specialties (internal medicine, surgery, pediatrics and psychiatry) accounted for 73% of all clinical awards in the 1970-78 period. Awards to basic specialties were more evenly divided than clinical awards, but three departments (physiology, microbiology and biochemistry) received 53% of all basic awards in the 1977-78 period. (Table 17)

Number and Change in Residency Specialty

Data describing the number and change in residency specialty of full-time M.D. medical school faculty for 1967-68 to 1977-78 is presented in Table 18. The tabulation below presents the highlights of the table.

RANKING OF RATIO INCREASE IN RESIDENCY SPECIALTY 1967-68 to 1977-78	
1. Family Practice	7.500
2. Orthopedic Surgery	3.381
3. Radiology	2.922
4. Otolaryngology	2.795
5. Anesthesiology	2.779
6. Public Health & Preventive Medicine	2.406
7. Obstetrics/Gynecology	2.339
8. Ophthalmology	2.319
9. Pediatrics	2.318
10. Internal Medicine	2.308
11. Psychiatry	2.231
12. Neurology	2.190
13. Surgery	2.149
14. Dermatology	2.117
15. Physical Medicine & Rehabilitation	2.039
16. Pathology	1.956

Residencies/Internship Status

The number of full-time M.D. faculty with and without residencies by internship status and rank is shown on Table 19.

Over 90% of the M.D. faculty have had a residency or internship and 81% of the M.D. faculty have had both an internship and at least one residency.

A slightly greater percentage of associate professors and assistant professors have had at least one internship and/or residency than professors (93% and 91% respectively).

Faculty who have had two or more residencies account for 35% of total full-time faculty with associate professors having the highest percentage (37%) and instructors the lowest (27%). (Table 19)

Board Certification Speciality and Department of M.D. Faculty

Table 20 is a matrix showing M.D. faculty by department and board certification specialty. Approximately 25% of basic department M.D. faculty and 54% of clinical department faculty are board certified. Of total M.D.faculty about 50% are board certified.

There are substantial differences between departments in the percent of faculty with board certification. For example, faculty in the department of surgery are 67.5% board certified while faculty of the psychiatry department are 30.7% board certified.

Board Certification by Rank

The percent of M.D. faculty who hold at least one board certification is 65.9%. A direct correlation exists between rank (instructor up to professor) and board certification. Professors have relatively more board certifications and are more likely to be board certified than associate professors, and this holds true throughout the descending levels. (Table 21)

Location of Training and Type of Employment

Foreign trained faculty comprise 24.0% of strict full-time affiliate faculty, the highest percentage of any employment type. A greater percentage of geographic full-time faculty were trained in the U.S. than faculty in any other type of employment.

One fifth of 1977-78 M.D. faculty were graduates of foreign institutions. The percentage of M.D. faculty graduated from foreign institutions in the 1970-78 period was 1/2 the percentage graduated in the other year grouping- (1960-69 - 23.2% and 1970-78 = 11.4%). (Table 23)

Awards to Full-time Ph.D. Faculty

Pre-Doctoral Awards

Table 24 presents data describing Ph.D. faculty by number of pre-doctoral awards. M.D.-Ph.D. faculty differ substantially from Ph.D. faculty in the percentage receiving pre-doctoral awards. 7.7% of M.D.-Ph.D. faculty received pre-doctoral awards compared to 37.1% of Ph.D. faculty. Ph.D. faculty also received multiple awards more often than M.D.-Ph.D. faculty.

Year and Number of Pre-Doctoral Awards

For current Ph.D. faculty twice as many pre-doctoral awards were presented in the 1960-69 period when compared to the 1970-78 period.

Six times as many awards came from NIH as came from any other single source in the 1960-69 period. In the 1970-78 period NIH gave three times as mary awards as any other single source. Foundations gave twice as many awards as a percentage of total awards in 1970-78 as compared to 1960-69. (Table 25)

Table 26 describes the number of pre-doctoral awards given to full-time Ph.D. faculty by year grouping and discipline. The biochemistry and physiology disciplines accounted for more than

1/3 of all Ph.D. pre-doctoral awards.

Source and Year of Post-Doctoral Award

Table 27 displays the number of post-doctoral awards presented to full-time Ph.D. faculty by source, whether basic or clinical and year award began. Ph.D. Post-doctoral clinical awards accounted for 15.1% and 11.8% of all such awards during the 1960-69 and 1970-78 periods respectively.

Of total awards to the basic disciplines, biochemistry accounted for 544 (39.7%) in the 1960-69 period and 528 (35.7%) in the 1970-78 period, the largest percentages of all disciplines.

TABLE 16

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME DOCTORAL MEDICAL SCHOOL FACULTY

BY NUMBER OF POST-DOCTORAL CLINICAL & RESEARCH AWARDS, 1901-1978

DOCTORAL FACULTY AND AWARD STATUS	TYPE OF DEGREE								TOTAL FULL-TIME DOCTORAL FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Total Faculty
NONE	843	43.6	12605	51.9	8017	72.0	326	86.5	21791	57.8
ONE AWARD										
Clinical	181	9.3	3783	15.6	0	0.0	43	11.4	4007	10.6
Research	477	24.7	3957	16.3	2266	20.4	0	0.0	6700	17.8
Unknown Clinical or Research Award	2	0.1	52	0.2	12	0.1	0	0.0	66	0.2
(TOTAL)	(660)	(34.1)	(7792)	(32.1)	(2278)	(20.5)	(43)	(11.4)	(10773)	(28.6)
TWO AWARDS										
Clinical	88	4.5	1128	4.6	0	0.0	0	0.0	1216	3.2
Research	263	13.6	1763	7.3	840	7.5	8	2.1	2874	7.6
Unknown Clinical or Research	1	0.1	16	0.1	0	0.0	0	0.0	17	*
(TOTAL)	(352)	(18.2)	(2907)	(12.0)	(840)	(7.5)	(8)	(2.1)	(4107)	(10.8)
BOTH CLINICAL & RESEARCH AWARDS	80	4.1	970	4.0	0	0.0	0	0.0	1050	2.8
TOTAL AWARDS	1935	100.0	24274	100.0	11135	100.0	377	100.0	37721	100.0

* Less than 0.1%

BEST AVAILABLE COPY

TABLE 17
DISTRIBUTION OF POST-DOCTORAL RESEARCH OR CLINICAL TRAINING AWARDS TO FULL-TIME M.D. FACULTY BY SOURCE, SPECIALTY AND YEAR OF AWARD

SOURCE AND YEAR OF AWARD	BASIC SPECIALTIES											TOTAL BASIC SPECIALTIES	CLINICAL SPECIALTIES																		TOTAL CLINICAL SPECIALTIES	All Other Non-Medical Specialties	Unknown Specialties	TOTAL AWARDS BY SOURCE & YEAR
	Anatomy	Biochemistry	Biology	Biophysics	Genetics	Immunology	Microbiology	Pathology—Basic	Pharmacology	Physiology	All other Basic Specialties		Anesthesiology	Chemistry	Dermatology	Endocrinology	Family Practice	Internal Medicine	General Medicine	Neurology	OB/Gyn	Oncology	Pathology—Clinical	Pediatrics	Physical Med & Rehab	Public Health & Prev Med	Psychiatry	Radiology	Surgery	All Other Clinical Specialties			
NIH																																	
1901-1949	3	9	0	0	0	3	2	6	3	15	1	42	0	0	0	3	0	22	4	4	0	4	5	10	1	4	11	8	12	1	89	4	4	139
1950-1959	13	60	1	6	6	8	10	89	14	70	2	279	9	1	4	59	0	255	41	79	7	18	56	63	2	8	64	32	98	4	610	12	16	1119
1960-1969	53	235	14	28	78	56	64	210	89	259	19	1117	73	1	30	227	1	1169	76	231	44	56	174	330	2	28	163	156	377	12	3122	96	54	4349
1970-1978	6	38	3	1	26	30	13	47	38	70	7	279	47	0	14	105	0	721	11	75	21	70	34	244	2	16	39	99	159	1	1860	9	9	1957
Unknown Year of Award	0	1	0	0	0	1	0	1	0	1	0	4	1	0	0	0	0	5	0	0	0	1	0	1	0	0	0	0	3	0	11	0	4	19
(Subtotal)	(75)	(343)	(18)	(35)	(110)	(100)	(89)	(353)	(144)	(425)	(29)	(1721)	(130)	(2)	(48)	(394)	(1)	(2172)	(134)	(389)	(72)	(151)	(279)	(616)	(7)	(56)	(277)	(295)	(649)	(18)	(5692)	(81)	(89)	(7583)
Other P H S																																	
1901-1949	0	9	1	-	0	1	2	1	2	5	0	22	0	0	1	2	0	14	6	1	2	0	2	3	0	0	6	0	1	0	38	0	2	62
1950-1959	3	32	1	2	3	3	5	24	8	30	0	111	4	0	2	20	0	85	16	9	1	3	16	13	3	5	21	6	13	0	225	3	12	351
1960-1969	14	48	5	8	23	16	30	63	20	49	4	280	6	0	10	38	0	195	28	25	11	16	42	67	1	16	44	25	63	1	610	15	16	921
1970-1978	1	4	0	0	4	1	1	8	3	1	3	26	4	0	0	5	0	56	1	2	1	4	4	27	0	12	10	10	10	0	148	2	1	177
Unknown Year of Award	0	0	0	0	0	1	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	4
(Subtotal)	(18)	(93)	(7)	(11)	(30)	(22)	(38)	(97)	(33)	(85)	(7)	(441)	(14)	(0)	(13)	(65)	(0)	(352)	(51)	(37)	(15)	(25)	(66)	(110)	(4)	(53)	(87)	(41)	(88)	(1)	(1022)	(20)	(32)	(1515)
Other D H E W																																	
1901-1949	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	4	0	0	5
1901-1949	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	1	0	1	0	0	0	0	0	3	1	0	39	1	1	0	53	1	0	56
1950-1959	0	0	0	0	2	1	0	3	3	3	3	20	0	0	0	2	2	15	0	6	0	2	5	29	30	9	177	5	7	1	290	9	3	322
1960-1969	2	3	0	0	4	1	0	1	6	2	0	17	1	0	0	2	4	17	1	3	1	2	0	42	14	8	122	9	6	0	232	7	2	258
1970-1978	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unknown Year of Award	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(Subtotal)	(2)	(6)	(0)	(0)	(5)	(2)	(0)	(5)	(9)	(7)	(3)	(40)	(1)	(0)	(0)	(5)	(6)	(34)	(1)	(9)	(1)	(4)	(5)	(74)	(51)	(17)	(341)	(16)	(14)	(1)	(580)	(17)	(5)	(642)
N S F																																	
1901-1949	0	1	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	4
1901-1949	0	3	1	0	0	0	0	0	3	0	0	7	1	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	1	0	5	1	0	13
1950-1959	2	9	0	0	2	0	3	3	0	3	0	22	0	0	1	1	0	3	0	0	0	2	0	0	0	0	0	3	1	0	11	1	1	35
1960-1969	0	0	0	0	0	0	0	1	0	1	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	5
1970-1978	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1
Unknown Year of Award	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1
(Subtotal)	(2)	(13)	(1)	(0)	(2)	(0)	(4)	(4)	(3)	(4)	(0)	(33)	(1)	(0)	(1)	(3)	(0)	(7)	(0)	(0)	(0)	(2)	(0)	(0)	(0)	(1)	(1)	(5)	(2)	(0)	(22)	(2)	(1)	(58)
V A																																	
1901-1949	0	0	0	0	0	0	0	1	0	2	0	3	1	0	0	1	0	15	4	0	3	0	0	4	0	1	7	2	5	0	43	0	1	47
1950-1959	0	0	1	0	0	0	0	2	0	0	0	3	0	0	0	1	0	13	4	1	1	1	1	1	1	1	8	1	6	1	42	0	0	45
1960-1969	0	1	0	0	1	0	0	8	0	1	1	12	1	0	0	1	0	54	4	10	3	0	3	4	1	1	14	6	15	0	122	0	2	136
1970-1978	0	0	0	0	1	2	2	4	2	2	0	13	1	0	0	3	1	11	1	7	2	1	3	9	0	1	29	19	24	1	253	0	0	266
Unknown Year of Award	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
(Subtotal)	(0)	(1)	(1)	(0)	(2)	(2)	(2)	(15)	(2)	(5)	(1)	(31)	(3)	(0)	(4)	(16)	(2)	(223)	(13)	(18)	(9)	(2)	(7)	(19)	(2)	(4)	(58)	(28)	(50)	(2)	(462)	(0)	(3)	(496)
Other Federal																																	
1901-1949	6	10	0	3	0	0	8	4	3	7	0	41	1	0	0	3	0	14	6	1	0	0	5	5	1	4	1	8	5	1	55	4	4	104
1901-1949	1	12	0	5	0	2	2	13	0	10	2	45	3	0	2	1	0	18	7	1	2	0	6	8	6	5	5	5	16	0	85	2	2	134
1950-1959	4	5	0	1	0	4	3	6	3	7	0	33	4	0	1	4	0	32	2	2	6	1	5	15	6	6	7	8	26	1	126	2	3	164
1960-1969	0	2	0	1	0	0	0	0	1	0	0	4	1	0	1	0	0	16	0	0	2	0	1	7	0	0	3	2	4	0	41	1	0	46
1970-1978	0	0	0	0	0	0	0	2	0	0	0	2	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3	0	1	6
Unknown Year of Award	(11)	(29)	(0)	(8)	(0)	(6)	(13)	(25)	(7)	(24)	(2)	(125)	(10)	(0)	(5)	(8)	(0)	(80)	(15)	(4)	(10)	(1)	(18)	(35)	(13)	(15)	(16)	(23)	(55)	(2)	(310)	(9)	(10)	(454)
(Subtotal)																																	
Foundation																																	
1901-1949	2	22	2	0	3	0	8	14	10	31	4	96	2	0	3	9	0	54	21	9	2	4	12	20	4	6	16	4	22	2	190	4	11	301
1950-1959	18	64	3	2	7	11	17	56	9	75	4	264	2	1	6	33	0	230	52	20	25	20	29	67	13	14	22	44	91	4	674	10	32	980
1960-1969	10	83	6	5	21	21	20	76	20	65	4	353	10	0	1	43	4	344	51	18	31	46	32	82	2	15	13	70	160	2	924	11	32	1320
1970-1978	2	18	1	0	4	13	5	23	14	18	6	104	2	0	4	23	1	278	5	15	22	34	12	80	0	7	16	43	104	2	658	13	4	779
Unknown Year of Award	1	0	0	0	0	1	1	0	0	0	0	3	1	0	0	0	0	8	2	0	0	1	0	1	0	0	1	0	1	0	14	1	6	24
(Subtotal)	(31)	(187)	(14)	(7)	(35)	(46)	(51)	(169)	(53)	(209)	(18)	(820)	(17)	(1)	(14)	(108)	(5)	(914)	(131)	(62)	(81)	(105)	(85)	(280)	(19)	(42)	(67)	(161)	(378)	(10)	(2480)	(39)	(85)	(3404)
Industry																																	
1901-1949	0	0	0	0	0	0	0	1	2	1	1	5	0	0	0	1	0	5	1	0	0	0	0	2	1	0	1	0	0	0	11	2	1	19
1901-1949	1	5	0	1	0	0	0	7	5	3	0	22	1	0	0	2	0	12	3	1	1	0	0	6	0	1	0	1	6	0	34	0	3	59
1950-1959	1	0	0	0	0	0	0	2	5	4	2	14	3	0	1	2	0	15	0	1	5	1	1	10	0	1	1	3	11	0	55	0	1	70
1960-1969	0	0	0	0	0	0	3	0	2	0	0	5	1	0	0	0	0	20	0	0	2	0	1	3	0	1	0	1	7	0	36	1	0	42
1970-1978	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unknown Year of Award	(2)	(5)	(0)	(1)	(0)	(0)	(5)	(13)	(13)	(6)	(1)	(46)	(5)	(0)	(1)	(5)	(0)	(52)	(4)	(2)	(8)	(1)	(2)	(21)	(1)	(3)	(2)	(5)	(24)	(0)	(136)	(3)	(5)	(190)
(Subtotal)																																	
Other																																	
1901-1949	12	18	1	2	2	1	6	23	14	46	3	128	3	0	5	10	1	75	37	15	8	1	11	40	0	8	19	5	44	1	283	7	13	431
1950-1959	9	29	0	3	2	5	14	44	10	39	6	161	13	0	8	27	0	150	32	18	11	9	32	54	2	10	31	23	64	2	486	5	19	671
1960-1969	14	26	4	6	23	17	7	52	31	59	6	245	12	0	6	37	3	294	46	31	24	13	36	127	6	18	61	41	109	1	885	14	18	1162
1970-1978	2	16	1	2	9	8	5	27	9	21	6	106	48	0	5	29	2	309	4	25	41	19	18	191	2	13	42	53	129	2	932	8	5	1051
Unknown Year of Award	1	0	0	0	0	0	0	2	1	0	0	4	1	0	0	0	0	3	1	0	0	0	0	2	0	0	2	1	0	0	10	0	2	16
(Subtotal)	(38)	(89)	(6)	(13)	(36)	(31)	(32)	(148)	(65)	(165)	(21)	(644)	(97)	(0)	(24)	(103)	(6)	(831)	(120)	(89)	(84)	(42)	(97)	(414)	(10)	(49)	(155)	(123)	(346)	(6)	(2586)	(34)	(57)	(3331)
Unknown																																	
1901-1949	0	0	0	0	0	0	2	0	1	0	0	3	0	0	0	0	0	3	2	0	0	1	0	0	0	0	1	0	2	0	9	2	0	14
1901-1949	0	1	0	0	0	0	0	1	1	0	0	3	1	0	0	1	0	6	1	3	0	1	3	1	0	0	2	0	5	0	24	0	3	30
1950-1959	0	1	0	0	0	0	0	1	1	0	0	3	1	0	0	1	0	8	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0
1960-1969	0	2	0	0	3	0	1	2	2	6	0	18	2	1	0	7	0	24	2	4	1	2	9	0	0	0	5	2	8	0	88	0	8	92
1970-1978	0	0	0	0	2	1	0	1	1	3	0	8	5	0	1	8	0	58	0	4	7	4	4	19	0	3	6	6	12	1	141	0	3	152
Unknown Year of Award	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	1	0	9	1	0	0	0	0	5	0	0	3	1	0	0	23	0	0	23
(Subtotal)	(0)	(3)	(0)	(0)	(5)	(1)	(3)	(4)	(5)	(9)	(0)	(30)	(14)	(1)	(1)	(17)	(0)	(100)	(6)	(11)	(8)	(7)	(9)	(34)	(0)	(3)	(17)	(9)	(27)	(1)	(265)	(2)	(14)	(311)
Total Awards																																	
1901-1949	23	69	4	6	5	5	29	51	35	107	9	343	7	0	9	29	1	203	81	30	15	10	35	84	7	24	65	28	91	5	724	23	35	1126
1950-1959	43	205	7	17	18	29	48	236	50	229	14	897	34	2	22	141	1	771	156	132	49	52	155	216	34	44	198	113	301	11	2438	34	84	3456
1960-1969	100	412	31	48	153	117	130	428	172	484	37	2112	131	2	51	366	10	2145	209	325	125	140	302	643	48	114	485	319	777	18	6213	108	138	8571
1970-1978	11	81	5	4	50	36	29	112	76	116	22	564	113	0	28	163	8	1619	25	131	99	134	77	532	18	61	261	243	459	7	4104	41	74	4733
Unknown Year of Award	2	1	0	0	0	3	1	6	1	1	0	15	7	0	1	1	0	27	4	0	0	2	1	10	0	0	5	3	5	0	66	1	14	96
Total Awards By Discipline	179	769	47	75	226	210	237	833	334	939	82	3931	292	4	111	716	20	4765	475	621	288	338	570	1585	107	243	1020	708	1633	41	13545	207	301	17984

TABLE 18

NUMBER & PERCENT DISTRIBUTION OF MOST RECENT RESIDENCY SPECIALTY,
FULL-TIME M.D. MEDICAL SCHOOL FACULTY, 1967-68 & 1977-78, WITH COMPARISON 1967-68 TO 1977-78

RESIDENCY SPECIALTY	NUMBER AND PERCENT DISTRIBUTION OF M.D. FACULTY				CHANGE IN RESIDENCY STATUS OF M.D. FACULTY	
	1967-68		1977-78		1967-68 to 1977-78	
	Number of M.D. Faculty	Percent of M.D. Faculty	Number of M.D. Faculty	Percent of M.D. Faculty	Number of M.D. Faculty	Ratio
Anesthesiology	447	3.8	1242	4.7	795	2.779
Dermatology	103	0.9	218	0.8	115	2.117
Family Practice	26	0.2	195	0.8	169	7.500
Internal Medicine	2989	25.8	6898	26.3	3909	2.308
Neurology	385	3.3	843	3.2	458	2.190
Obstetrics/Gynecology	428	3.7	1001	3.8	573	2.339
Ophthalmology	166	1.4	385	1.5	219	2.319
Orthopedic Surgery	134	1.1	453	1.7	319	3.381
Otolaryngology	88	0.8	246	0.9	158	2.795
Pathology	878	7.6	1717	6.6	839	1.956
Pediatrics	1181	10.2	2738	10.5	1557	2.318
Physical Medicine & Rehab.	128	1.1	261	1.0	133	2.039
Psychiatry	949	8.2	2117	8.1	1168	2.231
Public Health & Preventive Med.	32	0.3	77	0.3	45	2.406
Radiology	540	4.7	1578	6.0	1038	2.922
Surgery	1172	10.1	2519	9.6	1347	2.149
(SUBTOTAL)	(8646)	(83.2)	(22488)	(85.8)	(12842)	(2.601)
No Residency	1415	12.2	2680	10.2	1265	1.894
Unknown Residency	540	4.6	1041	4.0	501	1.928
TOTAL FULL-TIME M.D. FACULTY	11601	100.0	26209	100.0	14608	2.259

TABLE 19

DISTRIBUTION OF FULL-TIME M.D. MEDICAL SCHOOL FACULTY

BY NUMBER OF RESIDENCIES, INTERNSHIP STATUS & RANK, 1977-78

NUMBER OF RESIDENCIES	ACADEMIC RANK												TOTAL FULL-TIME FACULTY	
	Professor		Associate Professor		Assistant Professor		Instructor		Other		Rank Unknown			
	Number of Faculty	Percent of Rank	Number of Faculty	Percent of Rank	Number of Faculty	Percent of Rank	Number of Faculty	Percent of Rank	Number of Faculty	Percent of Rank	Number of Faculty	Percent of Rank	Number of Faculty	Percent of Total Full-Time Faculty
NONE														
Internship Only	339	4.4	178	3.0	128	1.4	92	3.3	11	3.2	15	7.3	763	2.9
No Internship	686	8.9	425	7.2	526	5.7	210	7.4	54	0.0	14	6.8	1915	7.3
Unknown Internship	0	0.0	0	0.0	1	*	1	*	0	0.0	0	0.0	2	*
(SUBTOTAL)	(1025)	(13.3)	(603)	(10.2)	(655)	7.1	(303)	(10.7)	(65)	(18.9)	(29)	(14.1)	(2680)	(10.2)
ONE														
With Internship	3653	47.6	2852	48.0	4626	50.1	1345	47.5	150	43.7	115	55.8	12741	48.6
Without Internship	253	3.3	213	3.6	501	5.4	196	6.9	23	6.7	2	1.0	1188	4.5
Unknown Internship	4	0.1	2	*	25	0.3	5	0.2	2	0.6	1	0.5	39	0.2
(SUBTOTAL)	(3910)	(51.0)	(3067)	(51.6)	(5152)	(56.0)	(1546)	(54.6)	(175)	(51.0)	(118)	(57.3)	(13968)	(53.3)
TWO OR MORE														
With Internship	2577	33.5	2055	34.6	2950	32.0	679	24.0	94	27.4	57	27.6	8412	32.1
Without Internship	125	1.6	164	2.8	292	3.2	88	3.1	5	1.5	1	0.5	675	2.6
Unknown Internship	3	*	0	0.0	10	0.1	8	0.3	1	0.3	0	0.0	22	0.1
(SUBTOTAL)	(2705)	(35.1)	(2219)	(37.4)	(3252)	(35.3)	(775)	(27.4)	(100)	(29.2)	(58)	(28.1)	(9109)	(34.8)
UNKNOWN RESIDENCY														
With Internship	19	0.2	15	0.3	14	0.1	7	0.2	1	0.3	1	0.5	57	0.2
Without Internship	5	0.1	2	*	5	0.1	0	0.0	0	0.0	0	0.0	12	*
Unknown Internship	21	0.3	32	0.5	128	1.4	200	7.1	2	0.6	0	0.0	383	1.6
(SUBTOTAL)	(45)	(0.6)	(49)	(0.8)	(147)	(1.6)	(207)	(7.3)	(3)	(0.9)	(1)	(0.5)	(452)	(1.7)
TOTAL	7685	100.0	5938	100.0	9206	100.0	2831	100.0	343	100.0	206	100.0	26209	100.0

* Less Than 0.1%

TABLE 20

DISTRIBUTION OF M.D. FULL-TIME MEDICAL SCHOOL FACULTY BY BOARD CERTIFICATION IN PRIMARY SPECIALTY AND BY DEPARTMENT, 1977-78

ACADEMIC DEPARTMENT	BOARD CERTIFICATION SPECIALTY																	Total Full-Time M.D. Faculty
	Anesthesiology	Dermatology	Family Practice	Internal Medicine	Neurology	OB/Gyn	Ophthalmology	Orthopedic Surgery	Otolaryngology	Pathology	Pediatrics	Physical Medicine	Psychiatry	Public Health Prev. Medicine	Radiology	Surgery	No Board Cert. or Unknown	
BASIC SCIENCE																		
Anatomy	0	0	0	2	1	1	0	1	0	2	1	0	2	0	1	6	194	211
Biochemistry	0	0	0	8	0	1	1	0	0	2	1	0	0	0	0	0	101	114
Microbiology	0	0	0	20	0	0	0	0	0	19	5	0	0	1	0	0	138	183
Pathology - Basic	0	0	0	18	0	1	0	0	0	537	14	0	0	0	4	0	1420	1994
Pharmacology	1	0	0	32	0	0	0	0	0	1	4	0	1	0	0	0	219	258
Physiology	1	0	0	20	1	0	0	0	0	0	1	0	0	0	0	2	258	283
Other Basic	0	0	0	11	9	0	0	0	0	2	8	0	1	0	0	2	73	106
(SUBTOTAL)	(2)	(0)	(0)	(111)	(11)	(3)	(1)	(1)	(0)	(563)	(34)	(0)	(4)	(1)	(5)	(10)	(2403)	(3149)
CLINICAL SCIENCE																		
Anesthesiology	830	0	0	3	0	2	0	0	0	0	3	0	0	0	0	0	572	1410
Dermatology	0	124	0	2	0	0	0	0	0	0	1	0	0	0	0	0	51	178
Family Practice	1	0	253	30	0	1	0	0	0	0	14	0	2	16	1	2	222	542
Internal Medicine*	2	45	12	3010	18	2	0	0	0	9	6	19	6	7	28	5	3735	6904
Neurology	0	0	0	1	266	0	0	0	0	4	9	1	8	0	1	3	482	775
Obstetrics/Gynecology	1	0	0	5	0	708	0	0	0	1	3	0	0	0	0	0	411	1129
Ophthalmology	0	0	0	0	1	0	286	0	0	0	0	0	0	0	0	0	120	407
Orthopedic Surgery	0	0	0	1	0	0	0	243	0	0	0	3	0	0	0	0	121	368
Otolaryngology	0	0	0	0	0	0	0	0	153	0	0	0	0	0	2	0	66	221
Pediatrics	1	0	1	16	8	0	1	1	0	1	1892	2	3	0	3	0	971	2900
Physical Med. & Rehab.	3	0	0	4	0	0	0	1	0	0	2	166	0	0	0	1	92	269
Psychiatry	0	0	0	3	1	1	0	0	0	0	8	0	679	0	1	1	1568	2262
Public Health/Prev. Med.	0	1	15	53	0	6	0	0	0	1	26	0	2	47	2	6	243	402
Radiology	0	0	0	17	0	0	0	0	0	0	11	0	1	1	1027	0	869	1926
Surgery	14	0	0	7	0	0	28	105	50	2	2	4	0	0	0	1739	941	2892
Other Clinical	0	0	2	7	0	0	1	0	0	0	5	0	1	0	1	0	18	35
(SUBTOTAL)	(852)	(170)	(283)	(3159)	(294)	(720)	(316)	(350)	(203)	(18)	(1982)	(195)	(702)	(71)	(1066)	(1757)	(10482)	(22620)
OTHER DEPARTMENTS	5	1	7	95	6	7	4	1	2	7	32	1	7	8	6	35	213	437
UNKNOWN DEPARTMENT	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	3
TOTAL FULL-TIME M.D. FACULTY	859	171	290	3366	311	730	321	352	205	588	2048	196	714	80	1077	1802	13099	26209

* Includes faculty previously reported in General Medicine.

TABLE 21

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME M.D. MEDICAL SCHOOL

FACULTY BY NUMBER OF BOARD CERTIFICATIONS BY RANK, 1977-78

ACADEMIC RANK	NUMBER OF BOARD CERTIFICATIONS						TOTAL FULL-TIME M.D. FACULTY	
	None		One		Two or More			
	Number of Faculty	Percent of Rank	Number of Faculty	Percent of Rank	Number of Faculty	Percent of Rank	Number of Faculty	Percent of Total Full-time M.D. Faculty
Professor	1585	20.6	4860	63.3	1240	16.1	7685	100.0
Associate Professor	1517	25.6	3541	59.6	880	14.8	5938	100.0
Assistant Professor	3619	39.3	4614	50.1	973	10.6	9206	100.0
Instructor	1953	69.0	799	28.2	79	2.8	2831	100.0
Other	205	59.8	117	34.1	21	6.1	343	100.0
Rank Unknown	58	28.2	122	59.2	26	12.6	206	100.0
NUMBER AND PERCENT OF FULL-TIME M.D. FACULTY	8937	34.1	14053	53.6	3219	12.3	26209	100.0

TABLE 22

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME M.D. MEDICAL SCHOOL FACULTY
BY LOCATION OF M.D. TRAINING & TYPE OF EMPLOYMENT, 1977-78

LOCATION OF M.D. TRAINING	TYPE OF EMPLOYMENT								TOTAL M.D. FULL-TIME FACULTY	
	Strict Full-Time				Geographic Full-Time					
	Medical School		Affiliate		Medical School		Affiliate			
	Number of Faculty	Percent of Employment	Number of Faculty	Percent of Employment	Number of Faculty	Percent of Employment	Number of Faculty	Percent of Employment	Number of Faculty	Percent of Total Full-Time Faculty
United States	11,594	76.7	3,432	73.7	3,780	81.6	1,410	78.2	20,216	77.1
Canada	282	1.9	82	1.8	101	2.2	36	2.0	501	1.9
Foreign	3,190	21.1	1,119	24.0	744	16.0	346	19.2	5,399	20.6
Unknown Training	52	0.3	21	0.5	9	0.2	11	0.6	93	0.4
TOTAL M.D. FACULTY	15,118	100.0	4,654	100.0	4,634	100.0	1,803	100.0	26,209	100.0

TABLE 23

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME M.D. MEDICAL SCHOOL FACULTY
BY LOCATION & YEAR OF LAST EARNED M.D. DEGREE, 1977-78

LOCATION OF M.D. TRAINING	YEAR OF LAST EARNED M.D. DEGREE												TOTAL M.D. FULL-TIME FACULTY	
	1901-1939		1940-1949		1950-1959		1960-1969		1970-1978		Unknown Year			
	Number of Faculty	Percent in Period	Number of Faculty	Percent in Period	Number of Faculty	Percent in Period	Number of Faculty	Percent in Period	Number of Faculty	Percent in Period	Number of Faculty	Percent in Period	Number of Faculty	Percent of Total Full-Time Faculty
United States	694	77.4	3,152	83.6	5,353	73.0	8,059	74.5	2,951	87.1	8	72.7	20,216	77.1
Canada	21	2.3	77	2.0	168	2.3	199	1.9	36	1.1	0	0.0	501	1.9
Foreign	182	20.3	527	14.0	1,792	24.5	2,509	23.2	388	11.4	1	9.1	5,399	20.6
Unknown Location	0	0.0	14	0.4	18	0.2	45	0.4	14	0.4	2	18.2	93	0.4
TOTAL M.D. FACULTY	897	100.0	3,770	100.0	7,331	100.0	10,811	100.0	3,389	100.0	11	100.0	26,209	100.0

TABLE 24

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME Ph.D. MEDICAL SCHOOL FACULTY
BY NUMBER OF PRE-DOCTORAL AWARDS, 1977-78

NUMBER OF AWARDS	Ph.D. FACULTY				TOTAL FULL-TIME Ph.D. FACULTY	
	M.D. & Ph.D.		Ph.D.			
	Number of Faculty	Percent of Faculty	Number of Faculty	Percent of Faculty	Number of Faculty	Percent of Full-time Ph.D. Faculty
None	1787	92.3	7001	62.9	8788	67.2
One	121	6.2	2974	26.7	3095	23.7
Two	21	1.1	916	8.2	937	7.2
Three or More	3	0.2	239	2.1	242	1.8
Unknown	3	0.2	5	0.1	8	0.1
TOTAL	1935	100.0	11135	100.0	13070	100.0

TABLE 25

NUMBER & PERCENT DISTRIBUTION OF PRE-DOCTORAL AWARDS
TO FULL-TIME PH.D. FACULTY BY SOURCE & YEAR OF AWARD, 1977-78

SOURCE OF AWARD	YEAR AWARD BEGAN										TOTAL AWARDS	
	1901-49		1950-59		1960-69		1970-78		Unknown Year			
	Number of Awards	Percent of Awards	Number of Awards	Percent of Awards	Number of Awards	Percent of Awards	Number of Awards	Percent of Awards	Number of Awards	Percent of Awards	Number of Awards	Percent of Total Awards
National Institutes of Health	29	7.0	324	28.0	1396	47.5	649	46.3	0	0.0	2398	40.5
Other Public Health Service	19	4.6	113	9.8	236	8.0	49	3.5	2	14.3	419	7.1
Other D.H.E.W.	2	0.5	11	0.9	118	4.0	64	4.6	0	0.0	195	3.3
National Science Foundation	0	0.0	72	6.2	188	6.4	64	4.6	3	21.4	327	5.5
Veterans Administration	4	1.0	11	1.0	22	0.8	11	0.8	0	0.0	48	0.8
Other Federal Government	44	10.6	95	8.2	163	5.6	41	2.9	0	0.0	343	5.8
Foundations	77	18.6	171	14.8	226	7.7	197	14.1	0	0.0	671	11.3
Business and Industry	34	8.2	47	4.1	39	1.3	14	1.0	0	0.0	134	2.3
Other	197	47.6	309	26.7	530	18.0	293	20.9	5	35.7	1334	22.5
Unknown Source	8	1.9	3	0.3	22	0.7	19	1.3	4	28.6	56	0.9
TOTAL	414	100.0	1156	100.0	2940	100.0	1401	100.0	14	100.0	5925	100.0

TABLE 26

DISTRIBUTION OF PRE-DOCTORAL AWARDS

TO FULL-TIME Ph.D. FACULTY BY DISCIPLINE AND YEAR

ACADEMIC DISCIPLINE	PRE-DOCTORAL RESEARCH AWARDS					TOTAL PRE-DOCTORAL RESEARCH AWARDS	
	1901-49	1950-59	1960-69	1970-78	Unknown		
	Number of Awards	Number of Awards	Number of Awards	Number of Awards	Number of Awards	Number of Awards	Percent Of Total Awards
BASIC DISCIPLINES							
Anatomy	18	69	204	113	1	405	6.8
Biochemistry	126	319	713	273	0	1431	24.2
Biology	13	21	79	20	1	134	2.3
Biophysics	6	26	74	24	0	130	2.2
Botany	2	7	11	3	0	23	0.4
Ecology	1	0	0	1	0	2	*
Genetics	9	35	73	47	1	165	2.8
Immunology	5	12	51	61	0	129	2.2
Microbiology	38	122	235	97	0	492	8.3
Nutrition	3	8	10	5	0	26	0.4
Pathology-Basic	3	15	38	16	0	72	1.2
Pharmacology	18	64	189	101	0	372	6.3
Physiology	35	99	367	194	1	696	11.8
Zoology	17	28	36	10	0	91	1.5
All Other Basic	2	3	31	16	0	52	0.9
(SUBTOTAL)	(296)	(828)	(2111)	(981)	(4)	(4220)	(71.3)
CLINICAL DISCIPLINES							
Anesthesiology	0	0	4	1	0	5	0.1
Dermatology	0	1	3	2	0	6	0.1
Endocrinology	3	16	31	28	0	93	1.4
Geriatrics	0	0	0	2	0	2	*
Internal Medicine	2	13	13	20	0	48	0.8
General Medicine	7	2	7	3	0	19	0.3
Neurology	0	2	5	9	0	16	0.3
Obstetrics/Gynecology	1	0	5	9	0	15	0.3
Oncology	2	5	7	12	0	26	0.4
Pathology-Clinical	0	0	15	14	0	29	0.5
Pediatrics	1	0	4	6	0	11	0.2
Physical Medicine & Rehab.	0	1	1	0	0	2	*
Public Health & Prevent. Med.	0	5	12	14	0	31	0.5
Psychiatry	0	5	14	8	0	27	0.5
Radiology	2	13	35	12	0	62	1.0
Surgery	2	4	18	9	0	33	0.6
All Other Clinical	0	0	3	1	0	4	0.1
(SUBTOTAL)	(25)	(67)	(177)	(150)	(0)	(419)	(7.1)
ALL OTHER NON-MEDICAL DISCIPLINES	86	247	627	248	4	1212	20.4
UNKNOWN DISCIPLINE	7	14	25	22	6	74	1.2
TOTAL PRE-DOCTORAL AWARDS	414	1156	2940	1401	14	5925	100.0

*Less than 0.1 percent.

BEST AVAILABLE COPY

TABLE 27
DISTRIBUTION OF POST-DOCTORAL RESEARCH TRAINING AWARDS TO ALL FULL-TIME Ph.D. FACULTY BY SOURCE, DISCIPLINE AND YEAR OF AWARD

SOURCE AND YEAR OF AWARD	BASIC DISCIPLINES											TOTAL BASIC DISCIPLINES	CLINICAL DISCIPLINES															TOTAL CLINICAL DISCIPLINES	All Other Non-Medical Disciplines	Unknown Disciplines	TOTAL AWARDS BY SOURCE & YEAR
	Anatomy	Biochemistry	Biology	Biophysics	Genetics	Immunology	Microbiology	Pathology—Basic	Pharmacology	Physiology	All other Basic Disciplines		Anesthesiology	Chemotherapy	Dermatology	Endocrinology	Internal Medicine	General Medicine	Neurology	OB/Gyn.	Oncology	Pathology—Clinical	Pediatrics	Public Health & Prev. Med	Psychiatry	Radiology	Surgery	All Other Clinical Disciplines				
NIH																															
1901-1949	3	5	0	2	0	0	2	0	0	1	0	13	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	2	3	0	18
1950-1959	16	53	1	6	4	3	7	3	12	18	2	125	1	0	1	9	7	1	1	0	3	0	1	2	1	0	1	0	28	15	0	168
1960-1969	48	273	8	24	27	32	86	20	63	128	14	723	2	0	2	22	14	5	8	0	4	3	3	3	2	5	11	2	87	91	9	910
1970-1978	62	261	6	25	40	45	61	22	82	173	19	796	3	0	1	41	22	0	4	4	10	16	0	9	0	7	11	2	130	12	3	942
Unknown Year of Award	0	1	0	1	0	1	0	0	1	0	0	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	1	1	8
(Subtotal)	(129)	(593)	(15)	(58)	(71)	(81)	(156)	(45)	(158)	(320)	(35)	(1661)	(7)	(0)	(5)	(72)	(43)	(8)	(14)	(4)	(19)	(19)	(4)	(14)	(3)	(12)	(23)	(4)	(249)	(123)	(13)	(2046)
Other P.H.S.																															
1901-1949	0	0	0	0	0	0	1	0	0	1	0	2	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	0	0	4
1950-1959	7	17	1	0	1	1	3	4	4	9	1	48	0	0	0	1	1	0	1	0	2	0	0	0	0	0	0	0	5	4	0	57
1960-1969	7	42	3	2	7	4	14	0	13	19	1	112	0	1	0	3	2	1	2	0	2	1	0	0	0	2	1	0	15	13	1	141
1970-1978	1	18	0	2	1	1	4	2	4	11	2	46	0	0	0	2	2	0	0	0	1	0	0	0	0	0	0	0	5	3	8	62
Unknown Year of Award	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(Subtotal)	(15)	(77)	(4)	(4)	(9)	(6)	(22)	(6)	(21)	(40)	(4)	(208)	(0)	(1)	(0)	(6)	(6)	(2)	(3)	(0)	(5)	(1)	(0)	(0)	(0)	(3)	(1)	(0)	(27)	(20)	(9)	(264)
Other D.H.E.W.																															
1901-1949	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1950-1959	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2	3	0	6
1960-1969	1	5	0	0	1	0	1	0	2	5	1	16	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	5	21	0	42
1970-1978	0	12	0	0	1	0	2	2	15	2	5	39	0	0	0	0	1	0	1	0	0	1	1	1	2	0	0	0	7	18	2	66
Unknown Year of Award	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(Subtotal)	(2)	(17)	(0)	(0)	(2)	(0)	(3)	(2)	(17)	(7)	(6)	(56)	(0)	(0)	(0)	(0)	(1)	(1)	(1)	(0)	(0)	(1)	(1)	(3)	(6)	(0)	(0)	(0)	(14)	(42)	(2)	(114)
N.S.F.																															
1901-1949	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1950-1959	0	11	0	0	3	1	0	0	0	2	1	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	22
1960-1969	1	41	4	5	7	3	6	2	3	14	0	86	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	30	1	109
1970-1978	3	19	0	0	3	0	2	0	3	7	3	40	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	2	15	5	62
Unknown Year of Award	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1
(Subtotal)	(4)	(71)	(4)	(5)	(13)	(4)	(8)	(2)	(6)	(23)	(4)	(144)	(0)	(0)	(0)	(1)	(0)	(0)	(0)	(0)	(1)	(0)	(0)	(0)	(1)	(1)	(0)	(1)	(5)	(39)	(6)	(194)
V.A.																															
1901-1949	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
1950-1959	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1960-1969	0	2	0	0	0	0	0	0	0	2	0	4	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	8	0	14
1970-1978	1	1	0	0	0	0	1	0	0	0	1	4	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	3	3	0	10
Unknown Year of Award	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(Subtotal)	(1)	(3)	(0)	(0)	(0)	(0)	(1)	(0)	(0)	(2)	(2)	(9)	(1)	(0)	(1)	(1)	(3)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(6)	(11)	(0)	(26)
Other Federal																															
1901-1949	0	1	0	1	0	0	2	0	0	4	0	8	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	3	0	13
1950-1959	3	13	1	0	1	1	5	2	2	7	2	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3	0	41
1960-1969	3	20	0	1	1	1	7	2	0	5	5	45	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	17	3	67
1970-1978	3	4	2	4	1	2	3	0	1	3	1	24	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	8	0	34
Unknown Year of Award	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	2
(Subtotal)	(9)	(38)	(3)	(6)	(3)	(4)	(17)	(4)	(3)	(19)	(8)	(114)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(1)	(0)	(3)	(1)	(0)	(8)	(32)	(3)	(157)
Foundation																															
1901-1949	2	17	0	1	2	1	3	0	1	4	1	32	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4	7	3	46
1950-1959	5	56	2	3	7	2	13	1	9	24	4	126	0	0	0	3	2	1	1	0	1	0	0	0	0	2	1	0	12	7	3	147
1960-1969	14	94	4	9	7	11	18	4	18	23	5	203	0	1	0	5	3	2	0	2	2	0	3	4	2	2	2	0	28	21	3	255
1970-1978	23	116	6	9	13	21	18	6	22	54	3	292	0	0	0	10	8	0	1	2	11	0	3	4	1	0	0	1	39	27	5	363
Unknown Year of Award	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(Subtotal)	(44)	(284)	(12)	(22)	(29)	(35)	(50)	(11)	(49)	(105)	(13)	(654)	(1)	(1)	(0)	(21)	(12)	(3)	(2)	(5)	(14)	(0)	(5)	(4)	(4)	(5)	(3)	(3)	(83)	(62)	(13)	(812)
Industry																															
1901-1949	0	1	0	0	0	0	0	1	1	1	0	4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	8
1950-1959	2	11	0	0	0	0	5	0	0	2	0	20	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	2	27
1960-1969	1	6	0	1	0	0	2	0	6	1	0	17	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	19
1970-1978	0	7	1	0	1	3	2	0	2	1	1	18	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2	1	0	21
Unknown Year of Award	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(Subtotal)	(3)	(25)	(1)	(1)	(1)	(3)	(9)	(1)	(9)	(3)	(1)	(59)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(5)	(9)	(2)	(75)
Other																															
1901-1949	1	10	1	5	0	1	1	0	2	5	0	26	0	0	0	1	0	1	0	0	1	0	0	1	0	1	1	0	6	8	0	40
1950-1959	1	46	1	0	3	2	6	2	3	13	2	79	0	0	0	3	2	1	0	1	1	0	0	0	1	0	2	0	11	12	1	103
1960-1969	10	59	8	9	7	5	17	3	14	13	10	155	0	0	0	6	1	1	1	1	1	0	2	3	1	1	1	0	19	32	3	209
1970-1978	18	88	3	7	12	13	15	5	18	30	2	212	1	1	0	9	3	0	2	4	0	3	3	1	2	1	2	0	32	29	2	275
Unknown Year of Award	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(Subtotal)	(30)	(206)	(13)	(21)	(22)	(21)	(38)	(10)	(37)	(61)	(14)	(474)	(1)	(1)	(0)	(19)	(6)	(3)	(3)	(6)	(3)	(4)	(3)	(4)	(5)	(3)	(5)	(0)	(68)	(81)	(6)	(529)
Unknown																															
1901-1949	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1950-1959	0	1	0	0	0	0	0	1	0	1	0	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	5
1960-1969	0	2	0	0	0	1	1	0	4	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	13
1970-1978	0	1	0	0	0	1	0	1	2	1	0	6	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3	5	7	20
Unknown Year of Award	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	6
(Subtotal)	(0)	(4)	(0)	(0)	(0)	(2)	(2)	(2)	(6)	(2)	(0)	(18)	(0)	(0)	(0)	(0)	(1)	(0)	(0)	(1)	(0)	(0)	(1)	(0)	(0)	(0)	(0)	(0)	(3)	(7)	(16)	(44)
Total Awards																															
1901-1949	6	34	1	9	2	2	9	1	4	16	2	86	0	0	2	5	2	2	0	0	2	0	1	2	0	1	1	0	18	24	3	131
1950-1959	35	208	6	9	19	10	39	13	30	76	12	457	1	0	1	17	13	4	3	2	7	0	1	2	3	2	5	0	61	52	6	576
1960-1969	85	544	27	51	57	57	150	31	121	210	36	1369	3	2	2	38	21	9	11	3	9	5	5	7	12	14	15	5	161	225	24	1779
1970-1978	111	528	18	47	72	86	108	38	150	262	37	1477	6	1	1	64	35	0	8	13	22	20	9	15	5	6	13	3	234	122	32	1855
Unknown Year of Award	0	4	0	1	0	1	1	0	1	0	0	8	0	0	0	0	0	0	1	0	1	0	0	0	0	2	0	0	4	3	5	20
Total Awards By Discipline	237	1318	52	117	150	156	307	83	306	584	87	3397	10	3	6	124	72	15	23	18	41	25	16	26	20	27	34	8	468	426	70	4361

TABLE 28

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY
BY BASIC, CLINICAL & OTHER DEPARTMENT AFFILIATION BY SEX, RANK & DEGREE 1977-78

RANK AND DEPARTMENT AFFILIATION	NUMBER & PERCENT OF DEGREE BY SEX															
	M.D. & Ph.D.				M.D.				Ph.D.				O.H.D.			
	Male		Female		Male		Female		Male		Female		Male		Female	
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree
PROFESSOR																
Basic Departments	360	10.9	9	0.3	971	29.4	34	1.0	1755	53.2	126	3.8	19	0.6	0	0.0
Clinical Departments	494	7.1	12	0.2	5431	78.2	221	3.2	653	9.4	57	0.8	23	0.3	0	0.0
Other Departments	17	4.5	0	0.0	133	35.2	3	0.8	147	38.9	12	3.2	32	8.4	1	0.3
(SUBTOTAL)	(871)	(8.2)	(21)	(0.2)	(6535)	(61.5)	(258)	(2.4)	(2555)	(24.1)	(195)	1.9	(74)	0.7	(1)	*
ASSOCIATE PROFESSOR																
Basic Departments	153	5.6	11	0.4	516	19.1	83	3.1	1661	61.4	226	8.3	23	0.9	2	0.1
Clinical Departments	265	4.2	22	0.3	4440	69.9	427	6.8	815	12.9	163	2.6	29	0.4	2	*
Other Departments	7	2.1	1	0.3	48	14.4	1	0.3	126	37.9	29	8.7	18	5.4	3	0.9
(SUBTOTAL)	(425)	(4.5)	(34)	(0.4)	(4968)	(53.2)	(511)	(5.5)	(2602)	(27.8)	(418)	(4.5)	(69)	(0.7)	(7)	0.1
ASSISTANT PROFESSOR																
Basic Departments	130	4.0	10	0.3	509	15.4	143	4.3	1884	57.0	445	13.5	24	0.7	1	*
Clinical Departments	313	2.9	22	0.2	6964	65.6	1066	10.0	1271	12.0	334	3.2	57	0.5	6	0.1
Other Departments	6	1.1	0	0.0	41	7.5	2	0.4	167	30.4	47	8.6	45	8.2	3	0.5
(SUBTOTAL)	(449)	(3.1	(32)	(0.2)	(7514)	(51.9)	(1211)	(8.4	(3322)	(23.0)	(826)	(5.7)	(126)	(0.9)	(10)	(0.1)
INSTRUCTOR																
Basic Departments	12	1.9	2	0.3	107	17.2	43	6.9	188	30.2	77	12.4	5	0.8	1	0.2
Clinical Departments	37	1.0	8	0.2	2156	54.4	463	11.7	269	6.8	113	2.8	21	0.5	3	0.1
Other Departments	0	0.0	0	0.0	2	0.6	1	0.3	19	5.2	8	2.2	29	8.0	4	1.1
(SUBTOTAL)	(49)	(1.0)	(10)	(0.2)	(2265)	(45.7)	(507)	(10.3)	(476)	(9.6)	(198)	(4.0)	(55)	(1.1)	(8)	(0.2)
OTHER RANKS																
Basic Departments	9	2.1	3	0.7	32	7.6	7	1.6	180	42.8	66	15.7	6	1.4	2	0.5
Clinical Departments	10	1.3	1	0.1	236	30.2	41	5.2	127	16.3	55	7.1	3	0.4	1	0.1
Other Departments	0	0.0	0	0.0	4	4.4	0	0.0	8	8.8	3	3.3	0	0.0	1	1.1
(SUBTOTAL)	(19)	(1.4)	(4)	(0.3)	(272)	(21.0)	(48)	(3.7)	(315)	(24.4	(124)	(9.6)	(9)	(0.7)	(4)	(0.3)
UNKNOWN RANK																
Basic Departments	1	10.0	0	0.0	3	30.0	1	10.0	1	10.0	1	10.0	2	20.0	0	0.0
Clinical Departments	3	7.1	0	0.0	22	52.4	3	7.1	2	4.8	1	2.4	0	0.0	0	0.0
Other Departments	16	3.7	1	0.2	149	34.3	7	1.6	87	20.0	12	2.8	12	2.7	0	0.0
(SUBTOTAL)	(20)	(4.1)	(1)	(0.2)	(174)	(35.7)	(11)	(2.3)	(90)	(18.5)	(14)	(2.9)	(14)	(2.9)	(0)	(0.0)
TOTAL FULL-TIME FACULTY																
Basic Departments	665	6.4	35	0.3	2138	20.6	311	3.0	5669	54.7	941	9.1	79	0.8	6	0.1
Clinical Departments	1122	3.9	65	0.2	19213	67.1	2221	7.8	3137	10.9	723	2.5	132	0.5	12	0.1
Other Departments	46	2.1	2	2.1	377	17.6	14	0.7	554	25.8	111	5.2	136	6.3	12	0.5
TOTAL FULL-TIME FACULTY	1833	4.5	102	0.2	21728	52.8	2546	6.2	9360	22.7	1775	4.3	347	0.8	30	0.1

*Less than 0.1 percent.

TABLE 28 (Cont.)

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY
BY BASIC, CLINICAL & OTHER DEPARTMENT AFFILIATION BY SEX, RANK & DEGREE 1977-78

RANK AND DEPARTMENT AFFILIATION	NUMBER & PERCENT OF DEGREE BY SEX														TOTAL FULL-TIME FACULTY	
	Non-Doctoral				Unknown Degree				Total Full-Time Faculty by Sex							
	Male		Female		Male		Female		Male			Female				
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Rank	Percent of Total Male F-T Faculty	Number of Faculty	Percent of Rank	Percent of Total Female F-T Faculty	Number of Faculty	Percent of Total Full-Time Faculty
PROFESSOR																
Basic Departments	4	0.1	5	0.2	15	0.5	0	0.0	3124	94.7	9.0	174	5.3	2.8	3298	100.0
Clinical Departments	25	0.4	10	0.1	21	0.3	1	*	6647	95.7	19.0	301	4.3	4.8	6948	100.0
Other Departments	15	4.0	17	4.5	1	0.3	0	0.0	345	91.3	1.0	33	8.7	0.5	378	100.0
(SUBTOTAL)	(44)	(0.4)	(32)	(0.3)	(37)	(0.3)	(1)	*	(10116)	(95.2)	(29.0)	(508)	(4.8)	(8.1)	(10624)	100.0
ASSOCIATE PROFESSOR																
Basic Departments	7	0.3	7	0.2	16	0.6	0	0.0	2376	87.8	6.8	329	12.2	5.3	2705	100.0
Clinical Departments	54	0.9	52	0.8	61	1.0	11	0.2	5627	89.3	16.1	677	10.7	10.8	6304	100.0
Other Departments	30	9.0	63	19.0	5	2.0	1	0.3	234	70.8	0.7	98	29.2	1.6	332	100.0
(SUBTOTAL)	(91)	(1.0)	(122)	(1.3)	(82)	(0.9)	(12)	(0.1)	(8237)	(88.1)	(23.6)	(1104)	(11.9)	(17.7)	(9341)	100.0
ASSISTANT PROFESSOR																
Basic Departments	47	1.4	61	1.9	36	1.1	13	0.4	2630	79.6	7.5	673	20.4	10.8	3303	100.0
Clinical Departments	225	2.1	217	2.0	100	1.0	38	0.4	8930	84.1	25.6	1683	15.9	26.9	10613	100.0
Other Departments	80	14.6	143	26.0	11	2.0	4	0.7	350	63.8	1.0	199	36.2	3.2	549	100.0
(SUBTOTAL)	(352)	(2.4)	(421)	(2.9)	(147)	(1.0)	(55)	(0.4)	(11910)	(82.3)	(34.1)	(2555)	(17.7)	(40.9)	(14465)	100.0
INSTRUCTOR																
Basic Departments	70	11.2	96	15.4	18	2.9	4	0.6	400	64.2	1.1	223	35.8	3.5	623	100.0
Clinical Departments	327	8.2	485	12.2	51	1.3	32	0.8	2861	72.2	8.2	1104	27.8	17.7	3965	100.0
Other Departments	114	31.4	172	47.4	12	3.3	2	0.5	176	48.5	0.5	187	51.5	3.0	363	100.0
(SUBTOTAL)	(511)	(10.3)	(753)	(15.2)	(81)	(1.6)	(38)	(0.8)	(3437)	(69.3)	(9.8)	(1514)	(30.7)	(24.2)	(4951)	100.0
OTHER RANKS																
Basic Departments	52	12.4	59	14.0	3	0.7	2	0.5	282	67.0	0.8	139	33.0	2.2	421	100.0
Clinical Departments	113	14.5	156	20.0	23	2.9	15	1.9	512	65.6	1.5	269	34.4	4.3	781	100.0
Other Departments	26	28.6	45	49.4	2	2.2	2	2.2	40	44.0	0.1	51	56.0	0.8	91	100.0
(SUBTOTAL)	(191)	(14.8)	(260)	(20.1)	(28)	(2.2)	(19)	(1.5)	(834)	(64.5)	(2.4)	(459)	(35.5)	(7.3)	(1293)	100.0
UNKNOWN RANK																
Basic Departments	1	10.0	0	0.0	0	0.0	0	0.0	8	80.0	0.0	2	20.0	0.1	10	100.0
Clinical Departments	4	9.5	6	14.3	0	0.0	1	2.4	31	73.8	0.1	11	26.2	0.2	42	100.0
Other Departments	68	15.6	73	16.8	7	1.6	3	0.7	339	77.9	1.0	96	22.1	1.5	435	100.0
(SUBTOTAL)	(73)	(15.0)	(79)	(16.2)	(7)	(1.4)	(4)	(0.8)	(378)	(77.6)	(1.1)	(109)	(22.4)	(1.8)	(487)	100.0
TOTAL FULL-TIME FACULTY																
Basic Departments	181	1.7	228	2.2	88	0.9	19	0.2	8820	85.1	25.3	1540	14.9	24.7	10360	100.0
Clinical Departments	748	2.6	926	3.2	256	0.9	98	0.3	24608	85.9	70.5	4045	14.1	64.7	28653	100.0
Other Departments	333	15.5	513	23.9	38	1.8	12	0.5	1484	69.1	4.2	664	30.9	10.6	2148	100.0
TOTAL FULL-TIME FACULTY	1262	3.1	1667	4.1	382	0.9	129	0.3	34912	84.8	100.0	6249	15.2	100.0	41161	100.0

*Less than 0.1%

TABLE 29

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY
BY SEX AND DEGREE, 1967-68 AND 1977-78

SEX	TYPE OF DEGREE												TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Full-Time Faculty
1967 - 1968														
Male	1032	96.1	9593	91.1	3961	87.4	125	92.6	648	45.9	77	63.6	15436	86.7
Female	42	3.9	934	8.9	570	12.6	10	7.4	765	54.1	44	36.4	2365	13.3
TOTAL FULL-TIME FACULTY	1074	100.0	10527	100.0	4531	100.0	135	100.0	1413	100.0	121	100.0	17801	100.0
1977 - 1978														
Male	1833	94.7	21728	89.5	9360	84.1	347	92.0	1262	43.1	382	74.8	34912	84.8
Female	102	5.3	2546	10.5	1775	15.9	30	8.0	1667	56.9	129	25.2	6249	15.2
TOTAL FULL-TIME FACULTY	1935	100.0	24274	100.0	11135	100.0	377	100.0	2929	100.0	511	100.0	41161	100.0

TABLE 30

CHANGE IN NUMBER OF FULL-TIME MEDICAL SCHOOL FACULTY, 1967-68 TO 1977-78 AND
RATIO OF FULL-TIME MEDICAL SCHOOL FACULTY 1977-78/1967-68, BY SEX & DEGREE TYPE

SEX	TYPE OF DEGREE												TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Change in Number of Faculty	Ratio	Change in Number of Faculty	Ratio	Change in Number of Faculty	Ratio	Change in Number of Faculty	Ratio	Change in Number of Faculty	Ratio	Change in Number of Faculty	Ratio	Change in Number of Faculty	Ratio
Male	801	1.776	12135	2.265	5399	2.363	222	2.776	614	1.948	305	4.961	19476	2.262
Female	60	2.429	1612	2.726	1205	3.114	20	3.000	902	2.179	85	2.932	3884	2.642
TOTAL FULL-TIME FACULTY	861	1.802	13747	2.306	6604	2.458	242	2.793	1516	2.073	390	4.223	23360	2.312

D. DEMOGRAPHIC DATA

The Demographic section consists of 19 tables, 7 of which are comparison tables. The section is designed to provide data for 1977-78 faculty and to show changes in faculty which have occurred over the decade in such variables as degree type, ethnic origin and length of employment for male and female faculty. As these two faculty groups - male and female - have such a numerical disparity, the analysis is necessarily in relative terms.

Faculty by Rank, Degree, Department and Sex

Table 28 presents data describing the number of full-time faculty by rank, degree, basic or clinical department and sex; 1977-78.

Professors

Of the 34,912 male faculty, 10,116 hold the rank of professor; of the 6,249 female faculty, 506 hold the rank of professor. Therefore, of total female full-time faculty, 8.1% were professors in 1977-78 as compared to 29.0% faculty who were male professors. Both clinical and basic departments show the same pattern.

Overall, there was little relative difference, by degree type and rank, between the distribution of male and female faculty in the basic and clinical departments except in the rank of professor.

Associate Professor

There were relatively more females who were associate professors in the M.D.-Ph.D. and O.H.D. degree tyes than there were males. In the other degree types (M.D., Ph.D), there were relatively more male associate professors than female.

Assistant Professors

There were relatively more female assistant professors than male in the M.D.-Ph.D., M.D. and Ph.D. degree types. In the O.H.D. and non-doctoral degree types there were relatively more male assistant professors.

Instructors

There were relatively more female instructors than male in all degree types who held the rank of instructor in both the basic and clinical departments.

Total Full-Time Faculty

Although there were variations by rank, the relative number of male and female faculty showed only a small difference by degree or department. For example, 36.3% of M.D. and Ph.D. faculty were male in the basic departments as opposed to 34.3% female; 61.3% of M.D. and Ph.D. faculty in clinical departments were male as opposed to 63.7% female.

Degree and Sex of Faculty - 1967-68 and 1977-78

Table 29 presents male and female faculty by degree for 1967-68 and 1977-78. Table 30 is a comparison of the changes that occurred over this decade.

The percentage of full-time faculty who are female rose from 13.3% in 1967-68 to 15.2% in 1977-78, an increase of 3884. Female faculty increased at a relatively faster rate (ratio of 2.642) than did male faculty (ratio of 2.262) over the decade.

In all degree types, females increased relatively more rapidly than males with the greatest relative gains occurring in the Ph.D. and M.D.-Ph.D. groups.

Type of Employment by Sex

There were relatively fewer females (8.4%) than males (12.4%) in Geographic Full-time employment and relatively more Females (62.3%) than males (58.2%) in Strict full-time employment as shown on Table 31.

Teaching Responsibilities by Sex

Tables 32 and 33 present data on the teaching responsibilities of full-time faculty by sex, 1967-68 and 1977-78. The changes in teaching responsibility of faculty over the past decade are shown on Table 34.

There was an absolute decline in the number of the M.D.-Ph.D. degree group with teaching as the only responsibility.

The ratio change, 1977-78/1969-68, in most cases, shows that the relative increase in female faculty with teaching responsibilities has been greater than the relative increases of total female.

Research Responsibilities by Sex

Data concerning the research responsibility of 1967-68 faculty and for 1977-78 faculty are shown on Tables 35 and 36.

The changes which have occurred over the past decade in research responsibility of faculty are shown on Table 37.

The ratio change, 1977-78/1967-68, in most cases, shows that the relative increase in female faculty with research responsibilities has been less than the relative increase in total female faculty.

In comparing Tables 35 and 36 (see comparison Table 37), one will note that of the 3884 additional female faculty appointed over the decade, substantially more of such faculty have teaching responsibilities than have research responsibilities.

Length of Employment, Sex and Degree Type, 1967-68 and 1977-78

The length of employment, sex and degree type is given for full-time faculty for 1967-68 (Table 38) and for 1977-78 (Table 39). The changes which have occurred over this time period are shown on Table 40.

Female faculty ratio increases in every year group were larger than corresponding male faculty increases except in the "26 or more years" group. The last five years show substantially greater growth in female faculty than the previous five years; the reverse is true of male faculty ratio increases.

Ethnic Origin, Degree type and Sex, 1967-68 and 1977-78

Tables 41 and 42 present data concerning ethnic origin by degree type and sex for 1967-68 and 1977-78, respectively, Table 43 is a comparison table and presents the numerical and ratio change over the decade.

In the M.D. and Ph.D. degree types "other minorities" (Asian and Other Hispanic) both male and female faculty have increased substantially greater than any other ethnic group, with female faculty in this group increasing more than male faculty.

Male faculty increases for under-represented minorities were higher than corresponding female increases in every degree type.

Specific Ethnic Origin by Degree type

Data describing specific ethnic origin by degree type for 1967-68 and 1977-78 and a comparison of the numerical and ratio change over this period are shown on Tables 44, 45 and 46.

Over this time period Asian minority faculty showed a relative increase, almost twice that of Caucasian faculty and a third

larger than any other group. Black American, American Indian and Mexican American ratio increases were equal to or greater than Caucasian increases. Puerto Rican faculty showed the lowest ratio increases of any group.

Full-time Faculty by Sex, Rank and Ethnic Origin

Minorities constituted over 10% of all faculty in 1977-78. Under-represented minorities were 2.5% of total faculty in 1977-78 while other minorities were 7.9% of total faculty. (Table 47)

TABLE 31
NUMBER & PERCENT DISTRIBUTION OF TOTAL MEDICAL SCHOOL
FACULTY BY TYPE OF EMPLOYMENT & SEX 1977-78

TYPE OF EMPLOYMENT	SEX						TOTAL FACULTY	
	MALE			FEMALE				
	Number of Faculty	Percent of Male Faculty	Percent of Total Faculty	Number of Faculty	Percent of Female Faculty	Percent of Total Faculty	Number of Faculty	Percent of Total Faculty
FULL-TIME								
Strict Full-Time	23404	58.2	49.3	4550	62.3	9.6	27954	58.9
Strict Full-Time Affiliated	4737	11.8	10.0	846	11.6	1.8	5583	11.8
Geographic Full-Time	4969	12.4	10.4	615	8.4	1.3	5584	11.8
Geographic Full-Time Affiliated	1802	4.5	3.8	238	3.3	0.5	2040	4.3
TOTAL FULL-TIME FACULTY	34912	86.9	73.5	6249	85.6	13.2	41161	86.7
PART-TIME								
Part-Time	3095	7.7	6.5	707	9.7	1.5	3802	8.0
Part-Time Affiliated	1322	3.3	2.8	201	2.8	0.4	1523	3.2
TOTAL PART-TIME FACULTY	4417	11.0	9.3	908	12.5	1.9	5325	11.2
EMPLOYMENT UNKNOWN	855	2.1	1.8	138	1.9	0.3	993	2.1
TOTAL FACULTY	40184	100.0	84.6	7295	100.0	15.4	47479	100.0

TABLE 32

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY BY TEACHING RESPONSIBILITIES, SEX & DEGREE TYPE 1967-68

SEX AND TEACHING RESPONSIBILITIES	TYPE OF DEGREE												TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Total Full-Time Faculty
MALE														
Teaching As Only Responsibility	40	3.9	545	5.7	118	3.0	10	8.0	56	8.6	4	5.2	773	5.0
Teaching As One Responsibility	899	87.1	8423	88.4	3402	85.9	86	68.8	372	57.4	46	59.7	13228	85.7
Teaching Not A Responsibility	87	8.4	543	5.7	426	10.8	26	20.8	216	33.3	22	28.6	1320	8.6
Unknown Responsibility	6	0.6	82	0.9	15	0.4	3	2.4	4	8.6	5	6.5	115	0.7
(SUBTOTAL)	(1032)	(100.0)	(9593)	(100.0)	(3961)	(100.0)	(125)	(100.0)	(648)	(100.0)	(77)	(100.0)	(15436)	(100.0)
FEMALE														
Teaching As Only Responsibility	3	7.1	66	7.1	35	6.1	2	20.0	117	15.3	4	9.1	227	9.6
Teaching As One Responsibility	34	81.0	790	84.6	418	73.3	4	40.0	428	55.9	24	54.5	1698	71.8
Teaching Not A Responsibility	4	9.5	69	7.4	111	19.5	4	40.0	214	28.0	13	29.5	415	17.5
Unknown Responsibility	1	2.4	9	1.0	6	1.1	0	0.0	6	0.8	3	6.8	25	1.1
(SUBTOTAL)	(42)	(100.0)	(934)	(100.0)	(570)	(100.0)	(10)	(100.0)	(765)	(100.0)	(44)	(100.0)	(2365)	(100.0)
TOTAL FULL-TIME FACULTY														
Teaching As Only Responsibility	43	4.0	611	5.8	153	3.4	12	8.9	173	12.2	8	6.6	1000	5.6
Teaching As One Responsibility	933	86.9	9213	87.5	3820	84.3	90	66.7	800	56.6	70	57.9	14926	83.8
Teaching Not A Responsibility	91	8.5	612	5.8	537	11.9	30	22.2	430	30.4	35	28.9	1735	9.7
Unknown Responsibility	7	0.7	91	0.9	21	0.5	3	2.2	10	0.7	8	6.6	140	0.8
TOTAL	1074	100.0	10527	100.0	4531	100.0	135	100.0	1413	100.0	121	100.0	17801	100.0

TABLE 33

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY BY TEACHING RESPONSIBILITIES, SEX & DEGREE TYPE 1977-78

SEX AND TEACHING RESPONSIBILITIES	TYPE OF DEGREE												TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Total Full-Time Faculty
MALE														
Teaching as Only Responsibility	36	2.0	863	4.0	248	2.7	25	7.2	104	8.3	15	3.9	1291	3.7
Teaching as One Responsibility	1609	87.8	19004	87.4	7678	82.0	243	70.0	701	55.5	125	32.7	29360	84.1
Teaching Not a Responsibility	135	7.3	1187	5.5	1270	13.6	74	21.3	438	34.7	44	11.5	3151	9.0
Unknown Responsibility	53	2.9	674	3.1	161	1.7	5	1.5	19	1.5	198	51.9	1110	3.2
(SUBTOTAL)	(1833)	(100.0)	(21728)	(100.0)	(9360)	(100.0)	(347)	(100.0)	(1262)	(100.0)	(382)	(100.0)	(34912)	(100.0)
FEMALE														
Teaching as Only Responsibility	1	1.0	134	5.3	67	3.8	2	6.7	230	13.8	6	4.7	440	7.0
Teaching as One Responsibility	86	84.3	2129	83.6	1297	73.1	21	70.0	932	55.9	44	34.1	4509	72.2
Teaching Not a Responsibility	10	9.8	185	7.3	371	20.9	6	20.0	469	28.1	20	15.5	1061	17.0
Unknown Responsibility	5	4.9	98	3.8	40	2.2	1	0.3	36	2.2	59	45.7	239	3.8
(SUBTOTAL)	(102)	(100.0)	(2546)	(100.0)	(1775)	(100.0)	(30)	8.0)	(1667)	(100.0)	(129)	(100.0)	(6249)	(100.0)
TOTAL FULL-TIME FACULTY														
Teaching as Only Responsibility	37	1.9	997	4.1	315	2.8	27	7.2	334	11.4	21	4.1	1731	4.2
Teaching as One Responsibility	1695	87.6	21133	87.1	8975	80.6	264	70.0	1633	55.8	169	33.1	33869	82.3
Teaching Not a Responsibility	145	7.5	1372	5.7	1644	14.8	80	21.2	907	31.0	64	12.5	4212	10.2
Unknown Responsibility	58	3.0	772	3.2	201	1.8	6	1.6	55	1.9	257	50.3	1349	3.3
TOTAL	1935	100.0	24274	100.0	11135	100.0	377	100.0	2929	100.0	511	100.0	41161	100.0

TABLE 34

CHANGE IN NUMBER OF FULL-TIME MEDICAL SCHOOL FACULTY, 1967-68 TO 1977-78, &

RATIO OF FULL-TIME MEDICAL SCHOOL FACULTY 1977-78/1967-68, BY DEGREE TYPE, TEACHING RESPONSIBILITY & SEX

SEX AND TEACHING RESPONSIBILITIES	TYPE OF DEGREE												CHANGE IN TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Change in Number of Faculty	Ratio	Change in Number of Faculty	Ratio	Change in Number of Faculty	Ratio	Change in Number of Faculty	Ratio	Change in Number of Faculty	Ratio	Change in Number of Faculty	Ratio	Change in Number of Faculty	Ratio
MALE														
Teaching as Only Responsibility	-4	.900	318	1.583	130	2.102	15	2.500	48	1.857	11	3.750	518	1.670
Teaching as One Responsibility	710	1.790	10581	2.256	4276	2.257	157	2.826	329	1.884	79	2.717	16132	2.220
Teaching Not a Responsibility	48	1.552	644	2.186	847	2.988	48	2.846	222	2.028	22	2.000	1831	2.307
Unknown Teaching Responsibility	47	8.833	592	8.220	146	10.733	2	2.500	15	4.750	193	39.500	995	9.652
(SUBTOTAL)	(801)	(1.776)	(12135)	(2.265)	(5399)	(2.363)	(222)	(2.776)	(614)	(1.948)	(305)	(4.961)	(19476)	(2.262)
FEMALE														
Teaching as Only Responsibility	-2	.333	68	2.030	32	1.914	0	1.000	113	1.966	2	1.500	213	1.938
Teaching as One Responsibility	52	2.529	1339	2.695	879	3.103	17	5.250	504	2.178	20	1.833	2811	2.655
Teaching Not a Responsibility	6	2.500	116	2.681	260	3.342	2	1.500	255	2.192	7	1.538	646	2.557
Unknown Teaching Responsibility	4	5.000	89	10.889	34	6.667	1	**	30	6.000	56	19.667	214	9.560
(SUBTOTAL)	(60)	(2.429)	(1612)	(2.726)	(1205)	(3.114)	(20)	(3.000)	(1902)	(2.179)	(85)	(2.932)	(3884)	(2.642)
TOTAL FULL-TIME FACULTY-CHANGE														
Teaching as Only Responsibility	-6	.860	386	1.632	162	2.059	15	2.250	161	1.931	13	2.625	731	1.731
Teaching as One Responsibility	762	1.817	11920	2.294	5155	2.349	174	2.933	833	2.041	99	2.414	18943	2.269
Teaching Not a Responsibility	54	1.593	760	2.242	1107	3.061	50	2.667	477	2.109	29	1.829	2477	2.428
Unknown Teaching Responsibility	51	8.286	681	8.484	180	9.571	3	2.000	45	5.500	249	32.125	1209	9.636
TOTAL	861	1.802	13747	2.306	6604	2.458	242	2.793	1516	2.073	390	4.223	23360	2.312

** Either 1967-68 or 1977-78 base is zero.

TABLE 35

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL

FACULTY BY RESEARCH RESPONSIBILITIES, SEX & DEGREE TYPE 1967-68

SEX AND RESEARCH RESPONSIBILITIES	TYPE OF DEGREE												TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Total Full-Time Faculty
MALE														
Research as Only Responsibility	52	5.0	161	1.7	310	7.8	7	5.6	103	15.9	8	10.4	641	4.2
Research as One Responsibility	829	80.3	6410	66.8	3302	83.4	79	63.2	258	39.8	36	46.7	10914	70.7
Research Not a Responsibility	145	14.1	2941	30.7	334	8.4	36	28.8	283	43.7	29	37.7	3768	24.4
Unknown Responsibility	6	0.6	81	0.8	15	0.4	3	2.4	4	0.6	4	5.2	113	0.7
(SUBTOTAL)	(1032)	(100.0)	(9593)	(100.0)	(3961)	(100.0)	(125)	(100.0)	(648)	(100.0)	(77)	(100.0)	(15436)	(100.0)
FEMALE														
Research as Only Responsibility	4	9.5	27	2.9	96	16.8	3	30.0	76	9.9	4	9.1	210	8.9
Research as One Responsibility	29	69.0	506	54.2	394	69.1	3	30.0	193	25.2	14	31.8	1139	48.2
Research Not a Responsibility	8	19.1	392	42.0	74	13.0	4	40.0	490	64.1	23	52.3	991	41.9
Unknown Responsibility	1	2.4	9	0.9	6	1.1	0	0.0	6	0.8	3	6.8	25	1.0
(SUBTOTAL)	(42)	(100.0)	(934)	(100.0)	(570)	(100.0)	(10)	(100.0)	(765)	(100.0)	(44)	(100.0)	(2365)	(100.0)
TOTAL FULL-TIME FACULTY														
Research as Only Responsibility	56	5.2	188	1.8	406	8.9	10	7.4	179	12.7	12	9.9	851	4.8
Research as One Responsibility	858	80.0	6916	65.7	3696	81.6	82	60.8	451	31.9	50	41.3	12053	67.7
Research Not a Responsibility	153	14.2	3333	31.7	408	9.0	40	29.6	773	54.7	52	43.0	4759	26.7
Unknown Responsibility	7	0.6	90	0.8	21	0.5	3	2.2	10	0.7	7	5.8	138	0.8
TOTAL	1074	100.0	10527	100.0	4531	100.0	135	100.0	1413	100.0	121	100.0	17801	100.0

TABLE 36

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL

FACULTY BY RESEARCH RESPONSIBILITIES, SEX & DEGREE TYPE 1977-78

SEX AND RESEARCH RESPONSIBILITIES	TYPE OF DEGREE												TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Total Full-Time Faculty
MALE														
Research as Only Responsibility	80	4.4	265	1.2	954	10.2	23	6.6	151	12.0	15	3.9	1488	4.3
Research as One Responsibility	1494	81.5	13408	61.7	7452	79.6	177	51.0	388	31.5	94	24.6	23013	65.9
Research Not a Responsibility	206	11.2	7333	34.0	793	8.5	142	40.9	694	55.0	75	19.7	9243	26.6
Unknown Responsibility	53	2.9	672	3.1	161	1.7	5	1.5	19	1.5	198	51.8	1108	3.2
(SUBTOTAL)	(1833)	(100.0)	(21728)	(100.0)	(9360)	(100.0)	(347)	(100.0)	(1262)	(100.0)	(382)	(100.0)	(34912)	(100.0)
FEMALE														
Research as Only Responsibility	7	6.9	44	1.7	308	17.3	2	6.7	145	8.7	8	6.2	514	8.2
Research as One Responsibility	74	72.5	1253	49.3	1235	69.6	14	46.7	408	24.5	18	14.0	3002	48.0
Research Not a Responsibility	16	15.7	1149	45.1	192	10.8	13	43.3	1078	64.7	44	34.1	2492	39.9
Unknown Responsibility	5	4.9	100	3.9	40	2.3	1	3.3	36	2.1	59	45.7	241	3.9
(SUBTOTAL)	(102)	(100.0)	(2546)	(100.0)	(1775)	(100.0)	(30)	(100.0)	(1667)	(100.0)	(129)	(100.0)	(6249)	(100.0)
TOTAL FULL-TIME FACULTY														
Research as Only Responsibility	87	4.5	309	1.3	1262	11.3	25	6.6	296	10.1	23	4.5	2002	4.9
Research as One Responsibility	1568	81.0	14661	60.4	8687	78.0	191	50.7	806	27.5	112	21.9	26025	63.2
Research Not a Responsibility	222	11.5	8532	35.1	985	8.8	155	41.1	1772	60.5	119	23.3	11785	28.6
Unknown Responsibility	58	3.0	772	3.2	201	1.8	6	1.6	55	1.9	257	50.3	1349	3.3
TOTAL	1935	100.0	24274	100.0	11135	100.0	377	100.0	2929	100.0	511	100.0	41161	100.0

TABLE 37

CHANGE IN NUMBER OF FULL-TIME MEDICAL SCHOOL FACULTY, 1967-68 TO 1977-78 &

RATIO OF FULL-TIME MEDICAL SCHOOL FACULTY 1977-78/1967-68, BY DEGREE TYPE, RESEARCH RESPONSIBILITY & SEX

SEX AND RESEARCH RESPONSIBILITIES	TYPE OF DEGREE												CHANGE IN TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68
MALE														
Research as Only Responsibility	28	1.538	104	1.646	644	3.077	16	3.286	48	1.466	7	1.875	847	2.321
Research as One Responsibility	665	1.802	6998	2.092	4150	2.257	98	2.241	140	1.543	58	2.611	12109	2.109
Research Not a Responsibility	61	1.421	4442	2.510	459	2.374	106	3.944	411	2.452	46	2.586	6025	2.599
Unknown Responsibility	47	8.833	591	8.296	146	10.733	2	1.667	15	4.750	194	49.500	995	9.805
(SUBTOTAL)	(801)	(1.776)	(12135)	(2.265)	(5399)	(2.363)	(222)	(2.776)	(614)	(1.948)	(305)	(4.961)	(19476)	(2.262)
FEMALE														
Research as Only Responsibility	3	1.750	17	1.630	212	3.208	1	.667	69	1.908	4	2.000	304	2.448
Research as One Responsibility	45	2.552	747	2.476	841	3.135	11	4.667	215	2.114	2	1.286	1863	2.636
Research Not a Responsibility	8	2.000	757	2.931	118	2.595	9	3.250	588	2.200	21	1.913	1501	2.515
Unknown Responsibility	4	5.000	91	11.111	34	6.667	1	**	30	6.000	56	19.667	216	9.640
(SUBTOTAL)	(60)	(2.429)	(1612)	(2.726)	(1205)	(3.114)	(20)	(3.000)	(902)	(2.179)	(85)	(2.932)	(3884)	(2.642)
TOTAL FULL-TIME FACULTY-CHANGE														
Research as Only Responsibility	31	1.554	121	1.644	856	3.108	15	2.500	117	1.654	11	1.917	1151	2.353
Research as One Responsibility	710	1.828	7745	2.120	4991	2.350	109	2.329	355	1.787	62	2.240	13972	2.159
Research Not a Responsibility	69	1.451	5199	2.560	577	2.414	115	3.875	999	2.292	67	2.288	7026	2.476
Unknown Responsibility	51	8.286	682	8.578	180	9.571	3	2.000	45	5.500	250	36.714	1211	9.775
TOTAL	861	1.802	13747	2.306	6604	2.458	242	2.793	1516	2.073	390	4.223	23360	2.312

** Either 1967-68 or 1977-78 base is zero.

TABLE 38

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY
BY LENGTH OF EMPLOYMENT, SEX & DEGREE TYPE, 1967-68

SEX AND LENGTH OF EMPLOYMENT	TYPE OF DEGREE												TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Total Full-Time Faculty
MALE														
0-5 Years	417	40.4	4365	45.5	1775	44.8	75	60.0	389	60.0	40	51.9	7061	45.8
6-10 Years	332	32.2	2962	30.9	1221	30.8	32	25.5	160	24.7	22	28.6	4729	30.6
11-15 Years	127	12.3	1164	12.1	529	13.4	12	9.5	50	7.7	8	10.4	1890	12.2
16-20 Years	77	7.4	648	6.8	251	6.3	5	4.0	32	4.9	6	7.8	1019	6.6
21-25 Years	41	4.0	281	2.9	116	2.9	0	0.0	11	1.7	1	1.3	450	2.9
26 or More Years	38	3.7	173	1.8	69	1.8	1	1.0	6	1.0	0	0.0	287	1.9
(SUBTOTAL)	(1032)	(100.0)	(9593)	(100.0)	(3961)	(100.0)	(125)	(100.0)	(648)	(100.0)	(77)	(100.0)	(15436)	(100.0)
FEMALE														
0-5 Years	19	45.2	462	49.5	251	44.0	5	50.0	386	50.5	26	59.1	1149	48.6
6-10 Years	12	28.6	289	31.0	195	34.2	3	30.0	218	28.5	9	20.4	726	30.7
11-15 Years	6	14.3	104	11.1	75	13.2	2	20.0	92	12.0	4	9.1	283	12.0
16-20 Years	2	4.8	48	5.1	32	5.6	0	0.0	40	5.2	4	9.1	126	5.3
21-25 Years	1	2.4	17	1.8	11	1.9	0	0.0	18	2.4	0	0.0	47	2.0
26 or More Years	2	4.8	14	1.5	6	1.1	0	0.0	11	1.4	1	2.3	34	1.4
(SUBTOTAL)	(42)	(100.0)	(934)	(100.0)	(570)	(100.0)	(10)	(100.0)	(765)	(100.0)	(44)	(100.0)	(2365)	(100.0)
TOTAL FULL-TIME FACULTY														
0-5 Years	436	40.6	4827	45.9	2026	44.7	80	59.2	775	54.8	66	54.6	8210	46.1
6-10 Years	344	32.0	3251	30.9	1416	31.3	35	25.8	378	26.8	31	25.6	5455	30.7
11-15 Years	133	12.4	1268	12.0	604	13.3	14	10.3	142	10.0	12	9.9	2173	12.2
16-20 Years	79	7.4	696	6.6	283	6.2	5	3.7	72	5.1	10	8.3	1145	6.4
21-25 Years	42	3.9	298	2.8	127	2.8	0	0.0	29	2.1	1	0.8	497	2.8
26 or More Years	40	3.7	187	1.8	75	1.7	1	1.0	17	1.2	1	0.8	321	1.8
TOTAL	1074	100.0	10527	100.0	4531	100.0	135	100.0	1413	100.0	121	100.0	17801	100.0

TABLE 39

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY
BY LENGTH OF EMPLOYMENT, SEX & DEGREE TYPE, 1977-78

SEX AND LENGTH OF EMPLOYMENT	TYPE OF DEGREE												TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Total Full-Time Faculty
MALE														
0-5 Years	657	35.8	9585	44.1	3569	38.1	144	41.5	558	44.2	201	52.6	14714	42.1
6-10 Years	461	25.2	5442	25.0	2490	26.6	92	26.5	350	27.7	131	34.3	8966	25.7
11-15 Years	331	18.1	3090	14.2	1634	17.5	73	21.0	198	15.7	27	7.1	5353	15.3
16-20 Years	208	11.3	1966	9.1	900	9.6	20	5.8	90	7.1	13	3.4	3197	9.2
21-25 Years	74	4.0	871	4.0	448	4.8	13	3.8	40	3.2	6	1.6	1452	4.2
26 or More Years	102	5.6	774	3.6	319	3.4	5	1.4	26	2.1	4	1.0	1230	3.5
(SUBTOTAL)	(1833)	(100.0)	(21728)	(100.0)	(9360)	(100.0)	(347)	(100.0)	(1262)	(100.0)	(382)	(100.0)	(34912)	(100.0)
FEMALE														
0-5 Years	45	44.1	1272	50.0	850	47.8	18	60.0	785	47.1	66	51.1	3036	48.6
6-10 Years	23	22.6	626	24.6	459	25.9	3	10.0	430	25.8	40	31.0	1581	25.3
11-15 Years	17	16.7	334	13.1	228	12.9	5	16.7	232	13.9	13	10.1	829	13.3
16-20 Years	8	7.8	177	6.9	142	8.0	1	3.3	127	7.6	8	6.2	463	7.4
21-25 Years	5	4.9	79	3.1	60	3.4	3	10.0	51	3.1	1	0.8	199	3.2
26 or More Years	4	3.9	58	2.3	36	2.0	0	0.0	42	2.5	1	0.8	141	2.2
(SUBTOTAL)	(102)	(100.0)	(2546)	(100.0)	(1775)	(100.0)	(30)	(100.0)	(1667)	(100.0)	(129)	(100.0)	(6249)	(100.0)
TOTAL FULL-TIME FACULTY														
0-5 Years	702	36.3	10857	44.7	4419	39.7	162	43.0	1343	45.9	267	52.2	17750	43.1
6-10 Years	484	25.0	6068	25.0	2949	26.5	95	25.2	780	26.6	171	33.5	10547	25.6
11-15 Years	348	18.0	3424	14.1	1862	16.7	78	20.7	430	14.7	40	7.8	6182	15.0
16-20 Years	216	11.2	2143	8.8	1042	9.3	21	5.6	217	7.4	21	4.1	3660	8.9
21-25 Years	79	4.1	950	3.9	508	4.6	16	4.2	91	3.1	7	1.4	1651	4.0
26 or More Years	106	5.4	832	3.5	355	3.2	5	1.3	68	2.3	5	1.0	1371	3.4
TOTAL	1935	100.0	24274	100.0	11135	100.0	377	100.0	2929	100.0	511	100.0	41161	100.0

TABLE 40

CHANGE IN NUMBER OF FULL-TIME MEDICAL SCHOOL FACULTY, 1967-68 TO 1977-78
& RATIO OF FULL-TIME MEDICAL SCHOOL FACULTY 1977-78/1967-68, BY LENGTH OF EMPLOYMENT, SEX & DEGREE TYPE

SEX AND LENGTH OF EMPLOYMENT	TYPE OF DEGREE												CHANGE IN TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68
MALE														
0-5 Years	240	1.552	5220	2.196	1794	2.011	69	1.920	169	1.434	161	5.025	7653	2.084
6-10 Years	129	1.389	2480	1.837	1269	2.039	60	2.875	190	2.188	109	5.955	4237	1.896
11-15 Years	204	2.606	1926	2.655	1105	3.089	61	6.083	148	3.960	19	3.375	3463	2.832
16-20 Years	131	2.701	1318	3.034	649	3.586	15	4.000	58	2.813	7	2.167	2178	3.137
21-25 Years	33	1.805	590	3.100	332	3.862	13	**	29	3.636	5	6.000	1002	3.227
26 or More Years	64	2.684	601	4.474	250	4.623	4	5.000	20	4.333	4	**	943	4.286
(SUBTOTAL)	(801)	(1.776)	(12135)	(2.265)	(5399)	(2.363)	(222)	(2.776)	(614)	(1.948)	(305)	(4.961)	(19476)	(2.262)
FEMALE														
0-5 Years	26	2.368	810	2.753	599	3.386	13	3.600	399	2.034	40	2.538	1887	2.642
6-10 Years	11	1.917	337	2.166	264	2.354	0	0.000	212	1.972	31	4.444	855	2.178
11-15 Years	11	2.833	230	3.212	153	3.040	3	2.500	140	2.522	9	3.250	546	2.929
16-20 Years	6	1.333	129	3.688	110	4.438	1	**	87	3.175	4	2.000	337	3.675
21-25 Years	4	5.000	62	4.647	49	5.455	3	**	33	2.833	1	**	152	4.234
26 or More Years	2	2.000	44	4.143	30	6.000	0	0.000	31	3.818	0	1.000	107	4.147
(SUBTOTAL)	(60)	(2.429)	(1612)	(2.726)	(1205)	(3.114)	(20)	(3.000)	(902)	(2.179)	(85)	(2.932)	(3884)	(2.642)
TOTAL FULL-TIME FACULTY - CHANGE														
0-5 Years	266	1.610	6030	2.249	2393	2.181	82	2.025	568	1.733	201	4.045	9540	2.162
6-10 Years	140	1.407	2817	1.867	1533	2.083	60	2.714	402	2.063	140	5.156	5092	1.933
11-15 Years	215	2.617	2156	2.700	1258	3.083	64	5.571	288	3.028	28	3.333	4009	2.845
16-20 Years	137	2.734	1447	3.079	759	3.682	16	4.200	145	3.014	11	2.100	2515	3.197
21-25 Years	37	1.881	652	3.188	381	4.000	16	**	62	3.138	6	7.000	1154	3.322
26 or More Years	66	2.650	645	4.449	280	4.733	4	5.000	51	3.941	4	5.000	1050	4.271
TOTAL	861	1.802	13747	2.306	6604	2.458	242	2.793	1516	2.073	390	4.223	23360	2.312

** Either the 1967-68 or the 1977-78 base number is zero.

TABLE 41

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY

BY ETHNIC ORIGIN, SEX & DEGREE, 1967-68

SEX AND ETHNIC ORIGIN	TYPE OF DEGREE												TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Total Full-Time Faculty
MALE														
Under-Represented Minority	17	1.6	219	2.1	51	1.1	8	5.9	31	2.2	2	1.6	328	1.9
Other Minority	93	8.7	400	3.8	198	4.4	4	3.0	24	1.7	0	0.0	719	4.0
Caucasian	838	78.0	8145	77.4	3403	75.1	107	79.3	533	37.8	64	52.9	13090	73.5
Unknown Ethnic Origin	84	7.8	829	7.9	309	6.8	6	4.4	60	4.2	11	9.1	1299	7.3
(SUBTOTAL)	(1032)	(96.1)	(9593)	(91.2)	(3961)	(87.4)	(125)	(92.6)	(648)	(45.9)	(77)	(63.6)	(15436)	(86.7)
FEMALE														
Under-Represented Minority	0	0.0	48	0.4	16	0.4	2	1.5	48	3.4	2	1.6	116	0.7
Other Minority	6	0.5	85	0.8	23	0.5	0	0.0	12	0.8	3	2.5	129	0.7
Caucasian	34	3.2	723	6.9	476	10.5	8	5.9	601	42.5	33	27.3	1875	10.5
Unknown Ethnic Origin	2	0.2	78	0.7	55	1.2	0	0.0	104	7.4	6	5.0	245	1.4
(SUBTOTAL)	(42)	(3.9)	(934)	(8.8)	(570)	(12.6)	(10)	(7.4)	(765)	(54.1)	(44)	(36.4)	(2365)	(13.3)
TOTAL FULL-TIME FACULTY														
Under-Represented Minority	17	1.6	267	2.5	67	1.5	10	7.4	79	5.6	4	3.3	444	2.5
Other Minority	99	9.2	485	4.6	221	4.9	4	3.0	36	2.5	3	2.5	848	4.7
Caucasian	872	81.2	8868	84.3	3879	85.6	115	85.2	1134	80.3	97	80.2	14965	84.1
Unknown Ethnic Origin	86	8.0	907	8.6	364	8.0	6	4.4	164	11.6	17	14.0	1544	8.7
TOTAL	1074	100.0	10527	100.0	4531	100.0	135	100.0	1413	100.0	121	100.0	17801	100.0

TABLE 42

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY

BY ETHNIC ORIGIN, SEX & DEGREE TYPE 1977-78

SEX AND ETHNIC ORIGIN	TYPE OF DEGREE												TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Total Full-Time Faculty
MALE														
Under-Represented Minority	18	0.9	499	2.1	147	1.3	16	4.2	90	3.1	8	1.6	778	1.9
Other Minority	250	12.9	1623	6.7	712	6.4	14	3.7	34	1.2	27	5.3	2660	6.5
Caucasion	1451	75.0	19246	75.2	7977	71.6	304	80.6	1072	36.6	314	61.4	29364	71.3
Unknown Ethnic Origin	114	5.9	1360	5.6	524	4.7	13	3.4	66	2.3	33	6.5	2110	5.1
(SUBTOTAL)	(1833)	(94.7)	(21728)	(89.5)	(9360)	(84.1)	(347)	(92.0)	(1262)	(43.1)	(382)	(74.8)	(34912)	(84.8)
FEMALE														
Under-Represented Minority	0	0.0	97	0.4	41	0.4	2	0.5	102	3.5	4	0.8	246	0.6
Other Minority	15	0.8	392	1.6	112	1.0	2	0.5	45	1.5	11	2.2	577	1.4
Caucasion	79	4.1	1897	7.8	1517	13.6	25	6.6	1436	49.0	99	19.4	5053	12.3
Unknown Ethnic Origin	8	0.4	160	0.7	105	0.9	1	0.3	84	2.9	15	2.9	373	0.9
(SUBTOTAL)	(102)	(5.3)	(2546)	(10.5)	(1775)	(15.9)	(30)	(8.0)	(1667)	(56.9)	(129)	(25.2)	(6249)	(15.2)
TOTAL FULL-TIME FACULTY														
Under-Represented Minority	18	0.9	596	2.5	188	1.7	18	4.8	192	6.6	12	2.3	1024	2.5
Other Minority	265	13.7	2015	8.3	824	7.4	16	4.2	79	2.7	38	7.4	3237	7.9
Caucasion	1530	79.1	20143	83.0	9494	85.3	329	87.3	2508	85.6	413	80.8	34417	83.6
Unknown Ethnic Origin	122	6.3	1520	6.3	629	5.6	14	3.7	150	5.1	48	9.4	2483	6.0
TOTAL	1935	100.0	24274	100.0	11135	100.0	377	100.0	2929	100.0	511	100.0	41161	100.0

TABLE 43

CHANGE IN NUMBER OF FULL-TIME MEDICAL SCHOOL FACULTY, 1967-68 TO 1977-78 &

RATIO OF FULL-TIME MEDICAL SCHOOL FACULTY 1977-78/1967-68, BY DEGREE TYPE, ETHNIC ORIGIN & SEX

SEX AND ETHNIC ORIGIN	TYPE OF DEGREE												CHANGE IN TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68
MALE														
Under-Represented Minority	1	1.059	280	2.279	96	2.882	8	2.000	59	2.903	6	4.000	450	2.372
Other Minority	157	2.688	1223	3.308	514	3.596	10	3.500	10	1.417	27	**	1941	3.700
Caucasian	613	1.732	10101	2.240	4574	2.344	197	2.841	539	2.011	250	4.906	16274	2.243
Unknown Ethnic Origin	30	1.357	531	1.641	215	1.696	7	2.167	6	1.100	22	3.000	811	1.624
(SUBTOTAL)	(801)	(1.776)	(12135)	(2.265)	(5399)	(2.363)	(222)	(2.776)	(614)	(1.948)	(305)	(4.961)	(19476)	(2.262)
FEMALE														
Under-Represented Minority	0	0.000	49	2.021	25	2.563	0	0.000	54	2.125	2	2.000	130	2.121
Other Minority	9	1.667	237	3.788	89	4.870	2	**	33	3.750	8	3.667	448	4.473
Caucasian	45	2.324	1174	2.624	1041	3.187	17	3.125	835	2.389	66	3.000	3178	2.695
Unknown Ethnic Origin	6	4.000	82	2.051	50	1.909	1	**	20	.808	9	2.300	168	1.522
(SUBTOTAL)	(60)	(2.429)	(1612)	(2.726)	(1205)	(3.114)	(20)	(3.000)	(902)	(2.179)	(85)	(2.932)	(3884)	(2.642)
TOTAL FULL-TIME FACULTY-CHANGE														
Under-Represented Minority	1	1.059	329	2.232	121	2.806	8	1.800	113	2.430	8	3.000	580	2.306
Other Minority	166	2.677	1530	4.155	603	3.729	12	4.000	43	2.194	35	12.667	2389	3.817
Caucasion	658	1.755	11275	2.271	5615	2.448	214	2.861	1374	2.212	316	4.258	19452	2.300
Unknown Ethnic Origin	122	3.389	613	1.676	265	1.728	9	2.333	-14	.915	31	2.824	939	1.608
TOTAL	861	1.802	13747	2.306	6604	2.458	242	2.793	1516	2.073	390	4.223	23360	2.312

** Either 1967-68 or 1977-78 base number is zero.

TABLE 44

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL

FACULTY BY SPECIFIC ETHNIC ORIGIN & DEGREE TYPE, 1967-68

ETHNIC ORIGIN	TYPE OF DEGREE												TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Total Full-Time Faculty
UNDER-REPRESENTED MINORITIES														
Black American	12	1.1	142	1.4	40	0.9	6	4.5	40	2.8	4	3.3	244	1.4
American Indian	1	0.1	8	0.1	1	*	0	0.0	0	0.0	0	0.0	10	0.1
Mexican American	1	0.1	13	0.1	5	0.1	1	0.8	1	0.1	0	0.0	21	0.1
Puerto Rican	3	0.3	104	1.0	21	0.5	3	2.2	38	2.7	0	0.0	169	0.9
(SUBTOTAL)	(17)	(1.6)	(267)	(2.6)	(67)	(1.5)	(10)	(7.5)	(79)	(5.6)	(4)	(3.3)	(444)	(2.5)
OTHER MINORITIES														
Asian	82	7.6	329	3.1	202	4.4	3	2.2	32	2.3	2	1.7	650	3.7
Other Hispanic	17	1.6	156	1.5	19	0.4	1	0.7	4	0.3	1	0.8	198	1.1
(SUBTOTAL)	(99)	(9.2)	(485)	(4.6)	(221)	(4.9)	(4)	(2.9)	(36)	(2.6)	(3)	(2.5)	(848)	(4.8)
CAUCASIAN	872	81.2	8865	84.2	3878	85.6	115	85.2	1134	80.2	95	78.5	14959	84.0
Did Not Wish to Respond	19	1.8	232	2.2	94	2.1	1	0.7	16	1.1	1	0.8	363	2.0
Unknown Ethnic Origin	67	6.2	678	6.4	271	6.0	5	3.7	148	10.5	18	14.9	1187	6.7
TOTAL FULL-TIME FACULTY	1074	100.0	10527	100.0	4531	100.0	135	100.0	1413	100.0	121	100.0	17801	100.0

* Less than 0.1 percent.

TABLE 45

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY BY SPECIFIC ETHNIC ORIGIN & DEGREE TYPE 1977-78

ETHNIC ORIGIN	TYPE OF DEGREE												TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Total Full-Time Faculty
UNDER-REPRESENTED MINORITIES														
Black American	9	0.5	355	1.4	135	1.2	15	4.0	156	5.3	11	2.2	681	1.6
American Indian	2	0.1	15	0.1	2	*	0	0.0	4	0.1	0	0.0	23	0.1
Mexican American	2	0.1	40	0.2	28	0.3	1	0.3	5	0.2	0	0.0	76	0.2
Puerto Rican	5	0.2	186	0.8	23	0.2	2	0.5	27	0.9	1	0.2	244	0.6
(SUBTOTAL)	(18)	(0.9)	(596)	(2.5)	(188)	(1.7)	(18)	(4.8)	(192)	(6.5)	(12)	(2.4)	(1024)	(2.5)
OTHER MINORITIES														
Asian	238	12.3	1566	6.4	768	6.9	10	2.6	66	2.3	25	4.9	2673	6.5
Other Hispanic	27	1.4	449	1.8	56	0.5	6	1.6	13	0.5	13	2.6	564	1.4
(SUBTOTAL)	(265)	(13.7)	(2015)	(8.2)	(824)	(7.4)	(16)	(4.2)	(79)	(2.8)	(38)	(7.5)	(3237)	(7.9)
CAUCASIAN	1530	79.1	20143	83.0	9494	85.2	329	87.2	2508	85.6	413	80.8	34417	83.6
Did Not Wish To Respond	81	4.2	941	3.9	443	4.0	7	1.9	95	3.2	12	2.3	1579	3.8
Unknown Ethnic Origin	41	2.1	579	2.4	186	1.7	7	1.9	55	1.9	36	7.0	904	2.2
TOTAL FULL-TIME FACULTY	1935	100.0	24274	100.0	11135	100.0	377	100.0	2929	100.0	511	100.0	41161	100.0

TABLE 46

CHANGE IN NUMBER OF FULL-TIME MEDICAL SCHOOL FACULTY, 1967-68 TO 1977-78 &
RATIO OF FULL-TIME MEDICAL SCHOOL FACULTY 1977-78/1967-68, BY SPECIFIC ETHNIC ORIGIN & DEGREE TYPE

ETHNIC ORIGIN	TYPE OF DEGREE												CHANGE IN TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Number of Faculty	Ratio	Number of Faculty	Ratio	Number of Faculty	Ratio	Number of Faculty	Ratio	Number of Faculty	Ratio	Number of Faculty	Ratio	Number of Faculty	Ratio
UNDER-REPRESENTED MINORITIES														
Black American	-3	.750	213	2.500	95	3.376	9	2.500	116	3.900	7	2.750	437	2.791
American Indian	1	2.000	7	1.875	1	2.000	0	0.000	4	**	0	0.000	13	2.300
Mexican American	1	2.000	27	3.077	23	5.600	0	0.000	4	5.000	0	0.000	55	3.619
Puerto Rican	2	1.667	82	1.788	2	1.095	-1	.667	-11	.711	1	**	75	1.444
(SUBTOTAL)	(1)	(1.059)	(329)	(2.232)	(121)	(2.806)	(8)	(1.800)	(113)	(2.430)	(8)	(3.000)	(580)	(2.306)
OTHER MINORITIES														
Asian	156	2.902	1237	4.760	566	3.802	7	3.333	34	2.063	20	12.500	2023	4.112
Other Hispanic	10	2.700	293	2.878	37	2.947	5	6.000	9	3.250	12	13.000	366	2.848
(SUBTOTAL)	(166)	(2.677)	(1530)	(4.155)	(603)	(3.729)	(12)	(4.000)	(43)	(2.194)	(35)	(12.667)	(2389)	(3.817)
CAUCASIAN	658	1.755	11278	2.272	5616	2.448	214	2.861	1374	2.212	318	4.347	19458	2.301
Did Not Wish To Respond	62	4.263	709	4.056	349	4.713	6	7.000	79	5.938	11	12.000	1216	4.350
Unknown Ethnic Origin	-26	.612	-99	.854	-85	.686	2	1.400	-93	.372	18	2.000	-283	.762
TOTAL FULL-TIME FACULTY - CHANGE	861	1.802	13747	2.306	6604	2.458	242	2.793	1516	2.073	390	4.223	23360	2.312

** Either the 1967-68 or 1977-78 base number is zero.

TABLE 47

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY

BY ETHNIC ORIGIN, RANK & SEX, 1977-78

SEX & ETHNIC ORIGIN	NUMBER & PERCENT OF RANK												TOTAL FULL-TIME FACULTY	
	Professor		Assoc. Prof.		Ass't. Prof.		Instructor		Other Ranks		Unknown Rank			
	Number of Faculty	Percent of Rank	Number of Faculty	Percent of Rank	Number of Faculty	Percent of Rank	Number of Faculty	Percent of Rank	Number of Faculty	Percent of Rank	Number of Faculty	Percent of Rank	Number of Faculty	Percent of Total Full-Time Faculty
MALE														
Under-Represented Minority	160	1.5	172	1.9	265	1.8	150	3.0	18	1.4	13	2.7	778	1.8
Other Minority	379	3.6	589	6.3	1155	8.0	402	8.1	125	9.6	10	2.0	2660	6.5
Caucasian	9213	86.7	7066	75.6	9584	66.2	2555	51.6	619	47.9	327	67.1	29364	71.3
Unkown Ethnic Origin	364	3.4	410	4.4	906	6.3	330	6.7	71	5.5	28	5.8	2110	5.1
(SUBTOTAL)	(10116)	(95.2)	(8237)	(88.2)	(11910)	(82.3)	(3437)	(69.4)	(833)	(64.4)	(378)	(77.6)	(32912)	(84.8)
FEMALE														
Under-Represented Minority	20	0.2	40	0.4	91	0.6	79	1.6	10	0.8	6	1.2	246	0.6
Other Minority	17	0.2	64	0.7	289	2.0	161	3.3	42	3.2	4	0.8	577	1.4
Caucasian	452	4.2	955	10.2	2034	14.1	1150	23.2	371	28.7	91	18.7	5053	12.3
Unknown Ethnic Origin	19	0.2	45	0.5	140	1.0	124	2.5	37	2.9	8	1.7	373	0.9
(SUBTOTAL)	(508)	(4.8)	(1104)	(11.8)	(2554)	(17.7)	(1514)	(30.6)	(450)	(35.6)	(109)	(22.4)	(6249)	(15.2)
TOTAL FULL-TIME FACULTY														
Under-Represented Minority	180	1.7	212	2.3	356	2.4	229	4.6	28	2.2	19	3.9	1024	2.5
Other Minority	396	3.8	653	7.0	1444	10.0	563	11.4	167	12.8	14	2.8	3237	7.9
Caucasian	9665	90.9	8021	85.8	11618	80.3	3705	74.8	989	76.6	418	85.8	34417	83.6
Unknown Ethnic Origin	383	3.6	455	4.9	1046	7.3	454	9.2	108	8.4	37	7.5	2483	6.0
TOTAL	10624	100.0	9341	100.0	14465	100.0	4951	100.0	1293	100.0	487	100.0	41161	100.0

E. COMPARISON OF FACULTY HIRED IN THE LAST FIVE YEARS (NEW-HIRES) TO OTHER FACULTY IN 1977-78

In this chapter of the report the characteristics of faculty hired between 1974 and 1978 are examined in 7 tables vis-a-vis the following variables: Degree, Citizenship, Ethnic Origin, Teaching Responsibilities, Research Responsibilities, Sex and Previous Employment or Training.

Degree and Sex

The number of female faculty who have received their first appointment at a U.S. medical school is highest in the M.D. degree category (40.4%) and lowest in the Other Health Doctorate area (0.7%). However, when compared with female faculty hired more than five years ago, a smaller fraction of newly hired female faculty holds a doctoral degree. There is a relative increase in the non-doctoral field (29.1% vs 25.9%) and in the Other Health Doctorate field (0.7% vs 0.4%).

Male faculty, hired within the last five years, show an increased percentage in the M.D. category (65.3% vs 61.1%); O.H.D. (1.1% vs 1.0%); and non-doctoral degrees (4.5% vs 3.3%). (Table 48)

Degree Type and Ethnic Origin

Under-represented minorities (for new hires) show a slight gain in the M.D. category and a decline in the Ph.D. category, with the other degree categories remaining little changed. (Table 49)

The Other Minorities group (Asian and Other Hispanic) show a percentage increase in the M.D. category for new-hires of 65.8% versus 60.2%, a more substantial change than that observed in under-represented minorities and caucasian newly hired faculty.

For the Other Minorities and Caucasian gorups, newly hired faculty decreased in comparison with all other faculty in the M.D.-Ph.D. and Ph.D. degree types.

Teaching and Research Activities of New-Hires

Table 50 shows that 66.0% of new-hire M.D. faculty reported teaching as one responsibility as compared to 60.9% of Other M.D. faculty.

Table 51 shows new-hire Ph.D. faculty with "Research as Only Responsibility" at 67.7% versus 59.9% of Other Ph.D. faculty.

Table 52 describes new-hires by Citizenship Status and Degree type. Highlights of this table include:

Foreign faculty new-hires in the M.D.-Ph.D. category number 135 as compared to 237 for all Other U.S. faculty. (Table 52)

Faculty with the M.D. degree, hired in the past five years who are foreign, increased to 70.6% vs 60.4%. This was a substantially greater increase than that of U.S. faculty with the M.D. degree who increased only 0.4% in this time period (58.5% vs 58.1%).

Past Employment of New-Hires

Table 53 presents data concerning new-hires by employment immediately prior to appointment. Of the new-hire faculty, 7.7% came directly from another medical school compared to 25.3% of Other faculty. The percent of new-hire faculty who came directly from training, was 39.5% compared to 26.6% of Other faculty.

Training/Employment Source Prior to First Medical School Employment

The percent of new-hire faculty who came from an employment source was 36.1%, compared to 60.7% who came directly from professional training.

More than one-half (59.9%) of non-doctoral new-hire faculty came from employment rather than training (31.9%). (Table 54)

TABLE 48

NUMBER AND PERCENT DISTRIBUTION OF NEW-HIRES, 1974-78,
& OTHER FULL-TIME FACULTY BY SEX & DEGREE TYPE, 1977-78

DEGREE TYPE	SEX AND NEW-HIRE STATUS																		
	MALE						FEMALE						TOTAL FULL-TIME FACULTY						
	NEW-HIRES		OTHER FACULTY		UNKNOWN APP'T YEAR	TOTAL MALE FAC.	NEW-HIRES		OTHER FACULTY		UNKNOWN APP'T YEAR	TOTAL MALE FAC.	TOTAL NEW-HIRES		TOTAL OTHER FACULTY		TOTAL UNKNOWN APP'T YEAR		TOTAL F-T FACULTY
	Number of New Hires	Percent of New Hires	Number of Other Faculty	Percent of Other Faculty	Number of Unknown Appointment Year	Number of Total Male Faculty	Number of New Hires	Percent of New Hires	Number of Other Faculty	Percent of Other Faculty	Number of Unknown Appointment Year	Number of Total Female Faculty	Number of Total New Hires	Percent of Total New Hires	Number of Total Other Faculty	Percent of Total Other Faculty	Total Unknown Appointment Year	Total Unknown Appointment Year	Number of Total Full-Time Faculty
M.D./Ph.D.	355	3.8	1385	5.8	93	1833	27	1.3	69	1.8	6	102	382	3.3	1454	5.3	99	4.5	1935
M.D.	6068	65.3	14514	61.1	1146	21728	861	40.4	1539	41.0	146	2546	6932	60.7	16045	58.3	1297	58.5	24274
Ph.D.	2285	24.6	6754	28.4	321	9360	579	27.2	1120	29.8	76	1775	2862	25.1	7875	28.6	398	17.9	11135
O.H.D.	101	1.1	228	1.0	18	347	16	0.7	14	0.4	0	30	117	1.0	242	0.9	18	0.8	377
Non-Doctoral	423	4.5	787	3.3	52	1262	620	29.1	971	25.9	76	1667	1043	9.1	1758	6.4	128	5.8	2929
Unknown Degree	67	0.7	94	0.4	221	382	27	1.3	43	1.2	59	129	93	0.8	140	0.5	278	12.5	511
TOTAL	9299	100.0	23762	100.0	1851	34912	2130	100.0	3756	100.0	363	6249	11429	100.0	27514	100.0	2218	100.0	41161

TABLE 49

NUMBER AND PERCENT DISTRIBUTION OF NEW-HIRES, 1974-78,
AND OTHER FULL-TIME FACULTY BY ETHNIC ORIGIN AND DEGREE TYPE, 1977-78

ETHNIC ORIGIN AND DEGREE TYPE	NEW-HIRE STATUS						TOTAL FULL-TIME FACULTY	
	New-Hires		Other Faculty		Unknown Appt. Year			
	Number of Faculty	Percent of New-Hires	Number of Faculty	Percent of Other Faculty	Number of Faculty	Percent of Faculty	Number of Faculty	Percent of Full-time Faculty
Under-represented Minorities								
M.D./Ph.D.	4	1.3	13	1.9	1	3.6	18	1.8
M.D.	181	59.1	401	58.1	14	50.0	596	58.2
Ph.D.	52	17.0	134	19.4	2	7.1	188	18.3
O.H.D.	6	2.0	12	1.7	0	0.0	18	1.7
Non-Doctoral	59	19.3	127	18.4	6	21.4	192	18.8
Unknown Degree	4	1.3	3	0.5	5	17.9	12	1.2
(SUBTOTAL)	(306)	(100.0)	(690)	(100.0)	(28)	(100.0)	(1024)	(100.0)
Other Minorities								
M.D./Ph.D.	69	5.8	186	9.8	10	6.5	265	8.2
M.D.	781	65.8	1141	60.2	93	60.4	2015	62.3
Ph.D.	289	24.3	510	26.9	25	16.2	824	25.4
O.H.D.	9	0.8	7	0.4	0	0.0	16	0.5
Non-Doctoral	32	2.7	44	2.3	3	2.0	79	2.4
Unknown Degree	7	0.6	8	0.4	23	14.9	38	1.2
(SUBTOTAL)	(1187)	(100.0)	(1896)	(100.0)	(154)	(100.0)	(3237)	(100.0)
Caucasian								
M.D./Ph.D.	274	3.0	1203	5.1	53	3.6	1530	4.4
M.D.	5433	60.0	13890	58.1	820	56.1	20143	58.5
Ph.D.	2294	25.3	6934	29.0	266	18.2	9494	27.6
O.H.D.	95	1.1	217	0.9	17	1.2	329	1.0
Non-Doctoral	885	9.8	1537	6.4	86	5.9	2508	7.3
Unknown Degree	74	0.8	119	0.5	220	15.0	413	1.2
(SUBTOTAL)	(9055)	(100.0)	(23900)	(100.0)	(1462)	(100.0)	(34417)	(100.0)
Unknown Ethnic Origin								
M.D./Ph.D.	35	4.0	52	5.0	35	6.1	122	4.9
M.D.	537	60.9	613	59.6	370	64.5	1520	61.2
Ph.D.	227	25.8	297	28.9	105	18.3	629	25.3
O.H.D.	7	0.8	6	0.6	1	0.2	14	0.6
Non-Doctoral	67	7.6	50	4.9	33	5.7	150	6.1
Unknown Degree	8	0.9	10	1.0	30	5.2	48	1.9
(SUBTOTAL)	(881)	(100.0)	(1028)	(100.0)	(574)	(100.0)	(2483)	(100.0)
Total Full-Time Faculty								
M.D./Ph.D.	382	3.3	1454	5.3	99	4.5	1935	4.7
M.D.	6932	60.7	16045	58.3	1297	58.5	24274	59.0
Ph.D.	2862	25.1	7875	28.6	398	17.9	11135	27.1
O.H.D.	117	1.0	242	0.9	18	0.8	377	0.9
Non-Doctoral	1043	9.1	1758	6.4	128	5.8	2929	7.1
Unknown Degree	93	0.8	140	0.5	278	12.5	511	1.2
(TOTAL)	11429	100.0	27514	100.0	2218	100.0	41161	100.0

TABLE 50

NUMBER AND PERCENT DISTRIBUTION OF NEW-HIRES, 1974-78,
AND OTHER FULL-TIME FACULTY BY TEACHING RESPONSIBILITIES AND DEGREE TYPE, 1977-78

TEACHING RESPONSIBILITY AND DEGREE STATUS	NEW-HIRE STATUS						TOTAL FULL-TIME FACULTY	
	New-Hires		Other Faculty		Unknown Appt. Year			
	Number of Faculty	Percent of New-Hires	Number of Faculty	Percent of Other Faculty	Number of Faculty	Percent of Faculty	Number of Faculty	Percent of Full-time Faculty
Teaching as Only Responsibility								
M.D./Ph.D.	6	1.2	28	2.6	3	2.0	37	2.1
M.D.	270	53.6	625	58.0	102	68.5	997	57.6
Ph.D.	84	16.6	213	19.8	18	12.1	315	18.2
O.H.D.	10	2.0	14	1.3	3	2.0	27	1.6
Non-Doctoral	125	24.8	192	17.8	17	11.4	334	19.3
Unknown Degree	9	1.8	6	0.5	6	4.0	21	1.2
(SUBTOTAL)	(504)	(100.0)	(1078)	(100.0)	(149)	(100.0)	(1731)	(100.0)
Teaching as One Responsibility								
M.D./Ph.D.	306	3.3	1324	5.6	65	5.9	1695	5.0
M.D.	6047	66.0	14379	60.9	707	63.8	21133	62.4
Ph.D.	2109	23.0	6635	28.1	231	20.8	8975	26.5
O.H.D.	77	0.8	178	0.8	9	0.8	264	0.8
Non-Doctoral	583	6.4	999	4.2	51	4.6	1633	4.8
Unknown Degree	43	0.5	81	0.4	45	4.1	169	0.5
(SUBTOTAL)	(9165)	(100.0)	(23596)	(100.0)	(1108)	(100.0)	(33869)	(100.0)
Teaching Not a Responsibility								
M.D./Ph.D.	52	3.5	87	3.5	6	2.9	145	3.5
M.D.	471	31.5	824	32.9	77	36.3	1372	32.6
Ph.D.	620	41.4	951	38.0	73	34.4	1644	39.0
O.H.D.	29	1.9	48	1.9	3	1.4	80	1.9
Non-Doctoral	315	21.0	552	22.1	40	18.9	907	21.5
Unknown Degree	11	0.7	40	1.6	13	6.1	64	1.5
(SUBTOTAL)	(1498)	(100.0)	(2502)	(100.0)	(212)	(100.0)	(4212)	(100.0)
Unknown Responsibility								
M.D./Ph.D.	18	6.9	15	4.4	25	3.3	58	4.3
M.D.	144	55.0	217	64.2	411	54.9	772	57.2
Ph.D.	49	18.7	76	22.5	76	10.1	201	14.9
O.H.D.	1	0.4	2	0.6	3	0.4	6	0.4
Non-Doctoral	20	7.6	15	4.4	20	2.7	55	4.1
Unknown Degree	30	11.4	13	3.9	214	28.6	257	19.1
(SUBTOTAL)	(262)	(100.0)	(338)	(100.0)	(749)	(100.0)	(1349)	(100.0)
Total Full-Time Faculty								
M.D./Ph.D.	382	3.3	1454	5.3	99	4.5	1935	4.7
M.D.	6932	60.7	16045	58.3	1297	58.5	24274	59.0
Ph.D.	2862	25.1	7875	28.6	398	17.9	11135	27.1
O.H.D.	117	1.0	242	0.9	18	0.8	377	0.9
Non-Doctoral	1043	9.1	1758	6.4	128	5.8	2929	7.1
Unknown Degree	93	0.8	140	0.5	278	12.5	511	1.2
TOTAL	11429	100.0	27514	100.0	2218	100.0	41161	100.0

TABLE 51

NUMBER AND PERCENT DISTRIBUTION OF NEW-HIRES, 1974-78,
AND OTHER FULL-TIME FACULTY BY RESEARCH RESPONSIBILITIES AND DEGREE TYPE, 1977-78

RESEARCH RESPONSIBILITY AND DEGREE STATUS	NEW-HIRE STATUS						TOTAL FULL-TIME FACULTY	
	New-Hires		Other Faculty		Unknown Appt. Year			
	Number of Faculty	Percent of New-Hires	Number of Faculty	Percent of Other Faculty	Number of Faculty	Percent of Faculty	Number of Faculty	Percent of Full-time Faculty
Research as Only Responsibility								
M.D./Ph.D.	35	4.7	50	4.3	2	2.1	87	4.3
M.D.	91	12.1	203	17.6	15	15.8	309	15.4
Ph.D.	508	67.7	693	59.9	61	64.2	1262	63.1
O.H.D.	9	1.2	16	1.4	0	0.0	25	1.3
Non-Doctoral	102	13.6	183	15.8	11	11.6	296	14.8
Unknown Degree	5	0.7	11	1.0	6	6.3	22	1.1
(SUBTOTAL)	(750)	(100.0)	(1156)	(100.0)	95	(100.0)	(2001)	(100.0)
Research as One Responsibility								
M.D./Ph.D.	294	4.5	1217	6.5	57	7.0	1568	6.0
M.D.	3875	58.8	10317	55.4	469	57.6	14661	56.3
Ph.D.	2057	31.2	6413	34.4	217	26.6	8687	33.4
O.H.D.	57	0.9	128	0.7	6	0.7	191	0.8
Non-Doctoral	280	4.2	498	2.7	28	3.4	806	3.1
Unknown Degree	25	0.4	50	0.3	38	4.7	113	0.4
(SUBTOTAL)	(6588)	(100.0)	(18623)	(100.0)	(815)	(100.0)	(26026)	(100.0)
Research Not a Responsibility								
M.D./Ph.D.	35	0.9	172	2.3	15	2.7	222	1.9
M.D.	2822	73.7	5308	71.7	402	71.9	8532	72.4
Ph.D.	248	6.5	693	9.4	44	7.9	985	8.4
O.H.D.	50	1.3	96	1.3	9	1.6	155	1.3
Non-Doctoral	641	16.7	1062	14.4	69	12.3	1772	15.0
Unknown Degree	33	0.9	66	0.9	20	3.6	119	1.0
(SUBTOTAL)	(3829)	(100.0)	(7397)	(100.0)	(559)	(100.0)	(11785)	(100.0)
Unknown Responsibility								
M.D./Ph.D.	18	6.9	15	4.4	25	3.3	58	4.3
M.D.	144	55.0	217	64.2	411	54.9	772	57.2
Ph.D.	49	18.7	76	22.5	76	10.1	201	14.9
O.H.D.	1	0.4	2	0.6	3	0.4	6	0.4
Non-Doctoral	20	7.6	15	4.4	20	2.7	55	4.1
Unknown Degree	30	11.4	13	3.9	214	28.6	257	19.1
(SUBTOTAL)	(262)	(100.0)	(338)	(100.0)	(749)	(100.0)	(1349)	(100.0)
Total Full-Time Faculty								
M.D./Ph.D.	382	3.3	1454	5.3	99	4.5	1935	4.7
M.D.	6932	60.7	16045	58.3	1297	58.5	24274	59.0
Ph.D.	2862	25.1	7875	28.6	398	17.9	11135	27.1
O.H.D.	117	1.0	242	0.9	18	0.8	377	0.9
Non-Doctoral	1043	9.1	1758	6.4	128	5.8	2929	7.1
Unknown Degree	93	0.8	140	0.5	278	12.5	511	1.2
TOTAL	11429	100.0	27514	100.0	2218	100.0	41161	100.0

TABLE 52

NUMBER AND PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY BY NEW-HIRES, 1974-78, OTHER FACULTY, DEGREE TYPE AND CITIZENSHIP, 1977-78

FACULTY CITIZENSHIP AND DEGREE TYPE	NEW-HIRE STATUS						TOTAL FULL-TIME FACULTY	
	New-Hires		Other Faculty		Unknown Appt. Year			
	Number of Faculty	Percent of New-Hires	Number of Faculty	Percent of Other Faculty	Number of Faculty	Percent of Faculty	Number of Faculty	Percent of Full-time Faculty
United States								
M.D./Ph.D.	237	2.6	1141	4.6	72	3.9	1450	4.0
M.D.	5439	58.5	14383	58.1	1086	58.4	20908	58.2
Ph.D.	2428	26.1	7178	29.0	347	18.7	9953	27.7
O.H.D.	104	1.1	231	0.9	16	0.9	351	1.0
Non-Doctoral	1014	10.9	1718	6.9	124	6.7	2856	8.0
Unknown Degree	74	0.8	113	0.5	213	11.4	400	1.1
(SUBTOTAL)	(9296)	(100.0)	(24764)	(100.0)	(1858)	(100.0)	(35918)	(100.0)
Canada								
M.D./Ph.D.	7	4.3	18	6.9	2	8.0	27	6.1
M.D.	103	64.0	159	61.4	16	64.0	278	62.5
Ph.D.	46	28.6	74	28.6	7	28.0	127	28.5
O.H.D.	0	0.0	0	0.0	0	0.0	0	0.0
Non-Doctoral	2	1.2	7	2.7	0	0.0	9	2.0
Unknown Degree	3	1.9	1	0.4	0	0.0	4	0.9
(SUBTOTAL)	(161)	(100.0)	(259)	(100.0)	(25)	(100.0)	(445)	(100.0)
Foreign								
M.D./Ph.D.	135	7.0	289	11.8	21	9.3	445	9.7
M.D.	1354	70.6	1482	60.4	156	68.7	2992	65.1
Ph.D.	378	19.7	613	25.0	39	17.2	1030	22.4
O.H.D.	13	0.7	11	0.5	1	0.4	25	0.5
Non-Doctoral	24	1.2	32	1.3	3	1.3	59	1.3
Unknown Degree	15	0.8	25	1.0	7	3.1	47	1.0
(SUBTOTAL)	(1919)	(100.0)	(2452)	(100.0)	(227)	(100.0)	(4598)	(100.0)
Unknown Citizenship								
M.D./Ph.D.	3	5.7	6	15.4	4	3.7	13	6.5
M.D.	36	67.9	21	53.8	39	36.1	96	48.0
Ph.D.	10	18.9	10	25.6	5	4.7	25	12.5
O.H.D.	0	0.0	0	0.0	1	0.9	1	0.5
Non-Doctoral	3	5.6	1	2.6	1	0.9	5	2.5
Unknown Degree	1	1.9	1	2.6	58	53.7	60	30.0
(SUBTOTAL)	(53)	(100.0)	(39)	(100.0)	(108)	(100.0)	(200)	(100.0)
Total Full-Time Faculty								
M.D./Ph.D.	382	3.3	1454	5.3	99	4.5	1935	4.7
M.D.	6932	60.7	16045	58.3	1297	58.5	24274	59.0
Ph.D.	2862	25.1	7875	28.6	398	17.9	11135	27.1
O.H.D.	117	1.0	242	0.9	18	0.8	377	0.9
Non-Doctoral	1043	9.1	1758	6.4	128	5.8	2929	7.1
Unknown Degree	93	0.8	140	0.5	278	12.5	511	1.2
TOTAL	11429	100.0	27514	100.0	2218	100.0	41161	100.0

TABLE 53

NUMBER & PERCENT DISTRIBUTION OF NEW HIRES, 1974-78, & OTHER FULL-TIME MEDICAL SCHOOL FACULTY BY PREVIOUS EMPLOYMENT PRIOR TO CURRENT MEDICAL SCHOOL APPOINTMENT, 1977-78

PREVIOUS EMPLOYMENT LOCATION	NEW HIRE STATUS						TOTAL FULL-TIME FACULTY	
	New Hires		Other Faculty		Unknown Appt. Year			
	Number of Faculty	Percent of Faculty	Number of Faculty	Percent of Faculty	Number of Faculty	Percent of Faculty	Number of Faculty	Percent of Faculty
Medical School, Full-Time	622	5.4	6379	23.2	206	9.3	7207	17.5
Medical School, Part-Time	52	0.5	338	1.2	17	0.8	407	1.0
Medical School, Volunteer	205	1.8	248	0.9	14	0.6	467	1.1
Other Academic Institution or Foundation	1639	14.3	3033	11.0	107	4.8	4779	11.6
Foreign Employment	470	4.1	692	2.5	42	1.9	1204	2.9
Private Practice	516	4.5	1565	5.7	134	6.0	2215	5.4
Government Employment	1378	12.1	2777	10.1	157	7.1	4312	10.5
Other Employment	1757	15.4	3077	11.2	272	12.3	5106	12.4
Professional Training	4516	39.5	7328	26.6	373	16.8	12217	29.7
Unknown Previous Employment	274	2.4	2077	7.6	896	40.4	3247	7.9
TOTAL FULL-TIME FACULTY	11429	100.0	27514	100.0	2218	100.0	41161	100.0

TABLE 54

NUMBER & PERCENT DISTRIBUTION OF NEW HIRES 1974-78, BY EMPLOYMENT OR TRAINING SOURCE

PRIOR TO FIRST FULL-TIME SALARIED MEDICAL SCHOOL APPOINTMENT, BY DEGREE TYPE 1977-78

PRIOR EMPLOYMENT OR TRAINING SOURCE	TYPE OF DEGREE												TOTAL FULL-TIME NEW HIRES	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Number of Faculty	Percent of New Hires	Number of Faculty	Percent of New Hires	Number of Faculty	Percent of New Hires	Number of Faculty	Percent of New Hires	Number of Faculty	Percent of New Hires	Number of Faculty	Percent of New Hires	Number of Faculty	Percent of New Hires
PROFESSIONAL EMPLOYMENT														
US Non-Med Higher Ed. Inst.	5	1.3	55	0.8	447	15.6	13	11.1	111	10.7	7	7.5	638	5.6
US Med School - Volunteer	5	1.3	175	2.5	17	0.6	4	3.4	13	1.2	1	1.1	215	1.9
US Med School - Non-Faculty	3	0.8	32	0.5	157	5.5	3	2.6	119	11.4	6	6.4	320	2.8
US Primary/Secondary Ed. Inst.	0	0.0	0	0.0	4	0.1	0	0.0	7	0.7	0	0.0	11	0.1
Private Practice	7	1.8	471	6.8	1	*	5	4.2	2	0.2	3	3.2	489	4.3
US Hospital - Non-Federal	6	1.6	245	3.5	82	2.9	7	6.0	147	14.1	15	16.1	502	4.4
State or Local Government	0	0.0	90	1.3	39	1.3	0	0.0	86	8.2	2	2.2	217	1.9
US Active Military	10	2.6	410	5.9	11	0.4	10	8.5	9	0.9	0	0.0	450	3.9
US Gov't. - DOD, PHS, VA, Other	20	5.2	338	4.9	108	3.8	3	2.6	39	3.7	3	3.2	511	4.5
Private Business	0	0.0	14	0.2	54	1.9	4	3.4	48	4.6	1	1.1	121	1.1
Foundation	13	3.4	32	0.5	131	4.6	3	2.6	18	1.7	1	1.1	198	1.7
Foreign Employment	55	14.4	246	3.5	103	3.6	3	2.6	7	0.7	2	2.2	416	3.6
Other Employment	1	0.3	6	0.1	11	0.4	2	1.7	19	1.8	0	0.0	39	0.3
(SUBTOTAL)	(125)	(32.7)	(2114)	(30.5)	(1165)	(40.7)	(57)	(48.7)	(625)	(59.9)	(41)	(44.1)	(4127)	(36.1)
PROFESSIONAL TRAINING														
Intern/Residency	128	33.5	2827	40.8	16	0.5	7	6.0	1	0.1	7	7.5	2986	26.1
NIH/NIMH Training	29	7.6	492	7.1	494	17.3	11	9.4	9	0.9	1	1.1	1036	9.1
US Medical School	22	5.8	405	5.8	247	8.6	3	2.6	35	3.4	2	2.2	714	6.3
Other US Higher Ed. Inst.	8	2.1	56	0.8	569	19.9	23	19.6	244	23.4	2	2.2	902	7.9
Foreign Institution	25	6.5	131	1.9	59	2.1	0	0.0	3	0.3	0	0.0	218	1.9
Other Professional Training	28	7.3	756	10.9	235	8.2	13	11.1	40	3.8	8	8.5	1080	9.4
(SUBTOTAL)	(240)	(62.8)	(4667)	(67.3)	(1620)	(56.6)	(57)	(48.7)	(332)	(31.9)	(20)	(21.5)	(6936)	(60.7)
UNKNOWN EMPLOYMENT OR TRAINING	17	4.5	151	2.2	77	2.7	3	2.6	86	8.2	32	34.4	366	3.2
TOTAL NEW HIRE FULL-TIME FACULTY	382	100.0	6932	100.0	2862	100.0	117	100.0	1043	100.0	93	100.0	11429	100.0

F. EMPLOYMENT HISTORY

This section consists of fourteen tables and is designed to describe and compare data for 1967-68 and 1977-78 concerning length of employment, source of full-time medical school faculty and private practice experience.

Two areas of employment are discussed. Tables 56 and 57 are concerned with an individual's activity prior to his current medical school appointment. Tables 58-67 are concerned with the individual's activity or occupation prior to his first medical school appointment.

Private Practice Experience for Clinical Department Faculty

A comparison of the percentage of faculty with private practice experience by clinical department over the 1967-68 to 1977-78 decade is presented in Table 55.

With the exception of the family practice department, which showed a relative increase of 16.6%, (as mentioned previously, this department is a newly designated department at most of the schools over the past ten years), all clinical departments showed a relative decrease in faculty with private practice experience over the decade.

The department showing the greatest relative decrease was otolaryngology (-10.8%) closely followed by dermatology (-10.1%).

Length of Current Employment by Degree and Rank for 1977-78 Faculty

The professor and associate professor rank have faculty whose length of employment spans over 20 years. There are 6,183 faculty comprised of all ranks whose length of employment is 11 to 15 years. The largest number of faculty have been employed within the past five years. Of this group 77.0% are instructors; 62.8% assistant professors, 23.6% are associate professors and only 15.1% are professors. The highest percentage of faculty with the rank of professor is in the 11-15 year group. Little variance is evident when comparing length of employment with degree type. (Table 56)

Source of Faculty

Table 57 describes the source of faculty, by their activity immediately prior to current appointment, by degree for 1977-78.

Faculty who were employed full-time in another medical school immediately prior to their current employment accounted for 17.5% of the total full-time faculty.

The greatest academic mobility was shown by the M.D.-Ph.D. degree type (27.1%) followed by M.D.s (18.4%) and Ph.D.s (18.3%).

Individual faculty whose occupation previous to their current appointment was in private practice or foreign employment were relatively low at 5.4% and 2.9% of total faculty respectively.

Of the 1977-78 faculty, 29.7% came directly from professional training.

Prior Occupation of Faculty

The occupation of 1967-68 and 1977-78 faculty, prior to this first medical school appointment is shown on Tables 58 and 59.

Table 60 presents the change in this data over the decade. Highlights of Table 60 include:

The three sources of faculty which showed the largest numerical gain over the decade were U.S. Non-Medical School Higher Education Institutions, 1609; U.S. Government, 1171; and U.S. Active Military, 1068. Entrance from Foreign Employment has shown a three-fold increase (768) since 1967-68 (383%).

The following list provides in ranked order by highest percentage of change over the decade (shown by ratio increase), the professional employment area/professional training area from which faculty have entered medical school for their first appointment.

For example, faculty whose prior occupation was "U.S. Medical School Volunteer" have had a sixfold increase since 1967-68, ratio increase of 6.623, or a percentage increase of 562%.

OCCUPATION PRIOR TO FIRST MEDICAL SCHOOL APPOINTMENT RANKED BY INCREASE FOR FULL-TIME MEDICAL SCHOOL FACULTY

1967-68 to 1977-78

Professional Employment	Ratio Increase
U.S. Medical School Volunteer	6.623
U.S. Hospital Non-Federal	6.256
U.S. Medical School Non-Faculty	6.186
U.S. Non-Medical Higher Education Institution	4.952
Foreign Employment	4.783
Other Employment	4.600
Foundation	4.314
U.S. Primary/Secondary Education Institution	4.000
Private Business	3.953
U.S. Active Military	3.070
U.S. Government DOD, PHS, VA, Other	2.117
Private Practice	1.862
State of Local Government	1.828

Professional Training

Foreign Institution	4.368
U.S. Medical School	4.208
Other U.S. Higher Education Institution	3.346
Other Professional Training	3.127
Intern/Residency	2.120
NIH/NIMH Training	1.905
Non-Medical Higher Education Environment	.953

Percent of Change over Ten years in Source of Faculty

Table 61 presents data describing the relative percentage change in the source of medical school faculty prior to their first appointment at a medical school. As can be seen there is great diversity of relative change among all the degree types. For example, individuals who have received their first medical school appointment and whose prior occupation was at a U.S. Non-Medical Higher Education Institution differed among the degree types with M.D.-Ph.D. and Ph.D. faculty showing a relative decline of -0.2% and -6.5% wheras M.D. faculty show a relative increase of 7.0%.

The greatest changes in percent distribution for Ph.D. faculty are from 1) U.S. Primary/Secondary Education Institutions, 2) Foundations and foreign institutions and U.S. Non-Medical School Higher Institutions show the greatest increase.

Occupation of Faculty by Sex

Tables 62 and 63 describe female faculty in 1967-68 and in 1977-78 by their occupation prior to their first medical school appointment. Tables 65 and 66 describe the same variable for male faculty. Table 64 and 67 present summaries of number and ratio changes over the decade.

For both male and female faculty, the prior occupation is predominantly professional training - Intern/Residency; NIH/NIMH Training.

Data for the 1977-78 female faculty (Table 63) whose prior occupation was professional employment shows U.S. Non-Medical Higher Education Institutions and U.S. Hospitals - non-federal - to have the highest percent. The highest percent of male faculty for this time period enter from professional employment, from U.S. Government and from Private Practice (Table 66).

TABLE 55

NUMBER & DISTRIBUTION OF FULL-TIME M.D. MEDICAL SCHOOL FACULTY WITH & WITHOUT PRIVATE PRACTICE EXPERIENCE, BY CLINICAL SCIENCE SPECIALTY, 1967-68 AND 1977-78

AND

COMPARISON OF PERCENT OF TOTAL FULL-TIME M.D. MEDICAL SCHOOL FACULTY WITH PRIVATE PRACTICE EXPERIENCE, 1967-68 AND 1977-78

CLINICAL SCIENCE SPECIALTY	1967 - 1968						1977 - 1978						1967-68	1977-78	1967-68 to 1977-78
	With Experience		Without Experience		Full-Time M.D. Faculty		With Experience		Without Experience		Full-Time M.D. Faculty		Full-Time M.D. Faculty		
	Number of Faculty	Percent of Specialty	Number of Faculty	Percent of Specialty	Number of Faculty	Percent of Specialty	Number of Faculty	Percent of Specialty	Number of Faculty	Percent of Specialty	Number of Faculty	Percent of Specialty	Percent With Experience	Percent With Experience	Percent of Change
Anesthesiology	96	22.4	332	77.6	428	100.0	242	17.4	1146	82.6	1388	100.0	22.4	17.4	-5.0
Dermatology	21	18.6	92	81.4	113	100.0	20	8.5	215	91.5	235	100.0	18.6	8.5	-10.1
Family Practice	104	11.7	786	88.3	890	100.0	384	28.3	975	71.7	1359	100.0	11.7	28.3	16.6
Internal Medicine	230	11.1	1839	88.9	2069	100.0	545	8.6	5809	91.4	6354	100.0	11.1	8.6	-2.5
Neurology	41	11.4	320	88.6	361	100.0	72	8.1	814	91.9	886	100.0	11.4	8.1	-3.3
Obstetrics/Gynecology	107	25.5	313	74.5	420	100.0	198	18.0	902	82.0	1100	100.0	25.5	18.0	-7.5
Ophthalmology	29	17.4	138	82.6	167	100.0	59	13.9	364	86.1	423	100.0	17.4	13.9	-3.5
Orthopedics	37	27.0	100	73.0	137	100.0	96	19.3	401	80.7	497	100.0	27.0	19.3	-7.7
Otolaryngology	26	25.2	77	74.8	103	100.0	39	14.4	231	85.6	270	100.0	25.2	14.4	-10.8
Pathology	131	11.6	1000	88.4	1131	100.0	184	9.1	1848	90.9	2032	100.0	11.6	9.1	-2.5
Pediatrics	252	21.0	948	79.0	1200	100.0	436	15.1	2445	84.9	2881	100.0	21.0	15.1	-5.9
Physical Medicine/Rehabilitation	35	24.5	108	75.5	143	100.0	68	23.8	218	76.2	286	100.0	24.5	23.8	-0.7
Psychiatry	196	20.3	771	79.7	967	100.0	372	16.7	1859	83.3	2231	100.0	20.3	16.7	-3.6
Public Health/Preventive Medicine	21	12.5	147	87.5	168	100.0	24	10.0	216	90.0	240	100.0	12.5	10.0	-2.5
Radiology	124	20.0	496	80.0	620	100.0	298	16.0	1570	84.0	1868	100.0	20.0	16.0	-4.0
Surgery	184	16.3	943	83.7	1127	100.0	349	13.6	2223	86.4	2572	100.0	16.3	13.6	-2.7
Other Clinical	41	5.1	770	94.9	811	100.0	58	4.5	1236	95.5	1294	100.0	5.1	4.5	-0.6
Unknown Specialty	93	12.5	653	87.5	746	100.0	15	5.1	278	94.9	293	100.0	12.5	5.1	-7.4
TOTAL FULL-TIME M.D. FACULTY	1768	15.2	9833	84.8	11601	100.0	3459	13.2	22750	86.8	26209	100.0	15.2	13.2	-2.0

TABLE 56

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY

BY LENGTH OF CURRENT EMPLOYMENT BY RANK & DEGREE, 1977-78

RANK AND DEGREE	NUMBER OF YEARS IN CURRENT EMPLOYMENT												TOTAL FULL-TIME FACULTY	
	0 - 5		6 - 10		11 - 15		16 - 20		21 - 25		Over 25			
	Number of Faculty	Percent of Rank and Degree	Number of Faculty	Percent of Rank and Degree	Number of Faculty	Percent of Rank and Degree	Number of Faculty	Percent of Rank and Degree	Number of Faculty	Percent of Rank and Degree	Number of Faculty	Percent of Rank and Degree	Number of Faculty	Percent of Total Full-Time faculty
PROFESSOR														
M.D. & Ph.D.	146	16.4	209	23.4	211	23.6	167	18.7	64	7.2	95	10.7	892	100.0
M.D.	1,146	16.9	1,446	21.3	1,484	21.8	1,362	20.0	691	10.2	664	9.8	6,793	100.0
Ph.D.	300	10.9	431	15.7	733	26.6	646	23.5	359	13.1	281	10.2	2,750	100.0
O.H.D.	11	14.7	19	25.3	27	36.0	8	10.7	7	9.3	3	4.0	75	100.0
Non-Doctoral	13	17.1	14	18.4	11	14.5	18	23.7	12	15.8	8	10.5	76	100.0
TOTAL	(1,616)	(15.3)	(2,119)	(20.0)	(2,466)	(23.3)	(2,201)	(20.8)	(1,133)	(10.7)	(1,051)	(9.9)	(10,586)	(100.0)
ASSOCIATE PROFESSOR														
M.D. & Ph.D.	140	30.5	154	33.5	107	23.3	38	8.3	11	2.4	9	2.0	459	100.0
M.D.	1,411	25.8	1,993	36.4	1,223	22.3	561	10.2	178	3.2	113	2.1	5,479	100.0
Ph.D.	590	19.5	1,178	39.0	790	26.2	308	10.2	106	3.5	48	1.6	3,020	100.0
O.H.D.	15	19.7	25	32.9	27	35.5	3	4.0	4	5.3	2	2.6	76	100.0
Non-Doctoral	25	11.7	71	33.3	49	23.0	37	17.4	18	8.5	13	6.1	213	100.0
TOTAL	(2,181)	(23.6)	(3,421)	(37.0)	(2,196)	(23.7)	(947)	(10.3)	(317)	(3.4)	(185)	(2.0)	(9,247)	(100.0)
ASSISTANT PROFESSOR														
M.D. & Ph.D.	341	70.9	107	22.2	25	5.2	8	1.7	0	0.0	0	0.0	481	100.0
M.D.	5,707	65.4	2,159	24.7	597	6.8	171	2.0	60	0.7	31	0.4	8,725	100.0
Ph.D.	2,607	62.8	1,149	27.7	289	7.0	67	1.6	25	0.6	11	0.3	4,148	100.0
O.H.D.	70	51.5	36	26.5	20	14.7	7	5.1	3	2.2	0	0.0	136	100.0
Non-Doctoral	238	30.8	229	29.6	179	23.2	69	8.9	35	4.5	23	3.0	773	100.0
TOTAL	(8,963)	(62.8)	(3,680)	(25.8)	(1,110)	(7.8)	(322)	(2.2)	(123)	(0.9)	(65)	(0.5)	(14,263)	(100.0)
INSTRUCTOR														
M.D. & Ph.D.	49	83.0	9	15.3	1	1.7	0	0.0	0	0.0	0	0.0	59	100.0
M.D.	2,312	83.4	365	13.2	67	2.4	17	0.6	7	0.3	4	0.1	2,772	100.0
Ph.D.	551	81.8	104	15.4	12	1.8	3	0.5	3	0.4	1	0.1	674	100.0
O.H.D.	49	77.7	10	15.9	1	1.6	2	3.2	1	1.6	0	0.0	63	100.0
Non-Doctoral	757	60.0	316	25.0	113	8.9	52	4.1	18	1.4	8	0.6	1,264	100.0
TOTAL	(3,718)	(77.0)	(804)	(16.6)	(194)	(4.0)	(74)	(1.5)	(29)	(0.6)	(13)	(0.3)	(4,832)	(100.0)
OTHER														
M.D. & Ph.D.	20	87.0	2	8.7	1	4.3	0	0.0	0	0.0	0	0.0	23	100.0
M.D.	220	68.8	66	20.7	26	8.1	3	0.9	3	0.9	2	0.6	320	100.0
Ph.D.	318	72.4	65	14.8	28	6.4	14	3.2	9	2.1	5	1.1	439	100.0
O.H.D.	8	61.5	3	23.1	2	15.4	0	0.0	0	0.0	0	0.0	13	100.0
Non-Doctoral	232	51.4	108	23.9	59	13.1	31	6.9	7	1.6	14	3.1	451	100.0
TOTAL	(798)	(64.0)	(244)	(19.6)	(116)	(9.3)	(48)	(3.9)	(19)	(1.5)	(21)	(1.7)	(1,246)	(100.0)
Unknown Degree	267	52.2	171	33.5	40	7.8	21	4.1	7	1.4	5	1.0	511	100.0
Unknown Rank	207	43.5	107	22.5	61	12.8	47	9.9	23	4.8	31	6.5	476	100.0
TOTAL FULL-TIME FACULTY	17,750	43.1	10,546	25.6	6,183	15.0	3,660	8.9	1,651	4.0	1,371	3.4	41,161	100.0

TABLE 57

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY

BY PREVIOUS EMPLOYMENT PRIOR TO CURRENT MEDICAL SCHOOL APPOINTMENT, BY DEGREE, 1977-78

PREVIOUS EMPLOYMENT LOCATION	TYPE OF DEGREE												TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Degree Unknown			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Total Full-Time Faculty
Medical School-Full Time	525	27.1	4,457	18.4	2,041	18.3	24	6.4	147	5.0	13	2.5	7,207	17.5
Medical School-Part Time	18	0.9	275	1.1	99	0.9	6	1.6	8	0.3	2	0.4	407	1.0
Medical School-Volunteer	9	0.5	388	1.6	52	0.5	4	1.1	11	0.4	3	0.6	467	1.1
Other Academic Institution or Foundation	191	9.9	994	4.1	2,819	25.3	85	22.5	650	22.2	40	7.8	4,779	11.6
Foreign Employment	178	9.2	754	3.1	251	2.3	7	1.9	11	0.4	3	0.6	1,204	2.9
Private Practice	54	2.8	2,066	8.5	40	0.4	22	5.8	26	0.9	7	1.4	2,215	5.4
Gov't Employee	160	8.3	3,070	12.7	661	5.9	45	11.9	358	12.2	18	3.5	4,312	10.5
Other Employment	152	7.8	2,263	9.3	1,405	12.6	87	23.1	1,087	37.1	112	21.9	5,106	12.4
Professional Training	505	26.1	8,551	35.2	2,740	24.6	66	17.5	328	11.2	27	5.3	12,217	29.7
Unknown Previous Employment	143	7.4	1,456	6.0	1,028	9.2	31	8.2	303	10.3	286	56.0	3,247	7.9
TOTAL FULL-TIME FACULTY	1,935	100.0	24,274	100.0	11,135	100.0	377	100.0	2,929	100.1	511	100.0	41,161	100.0

TABLE 58

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY

BY EMPLOYMENT OR TRAINING SOURCE PRIOR TO FIRST FULL-TIME MEDICAL SCHOOL APPOINTMENT, BY DEGREE TYPE, 1967-68

PRIOR EMPLOYMENT OR TRAINING SOURCE	TYPE OF DEGREE												TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Total Full-Time Faculty
PROFESSIONAL EMPLOYMENT														
US Non-Med Higher Ed. Inst.	13	1.2	63	0.6	300	6.6	2	1.5	64	4.5	6	4.9	448	2.5
US Med School - Volunteer	6	0.5	44	0.4	8	0.2	1	0.7	2	0.2	0	0.0	61	0.3
US Med School - Non-Faculty	1	0.1	30	0.3	35	0.8	2	1.5	27	1.9	2	1.7	97	0.6
US Primary/Secondary Ed. Inst.	0	0.0	0	0.0	0	0.0	0	0.0	4	0.3	0	0.0	4	*
Private Practice	32	3.0	966	9.2	16	0.3	13	9.6	21	1.5	7	5.8	1055	5.9
US Hospital - Non-Federal	1	0.1	113	1.1	31	0.7	2	1.5	28	2.0	5	4.1	180	1.0
State or Local Government	16	1.5	197	1.9	110	2.4	5	3.7	155	11.0	4	3.3	487	2.7
US Active Military	30	2.8	432	4.1	38	0.8	2	1.5	10	0.7	4	3.3	516	2.9
US Gov't. - DOD, PHS, VA, Other	50	4.7	634	6.0	263	5.8	11	8.1	78	5.5	12	9.9	1048	5.9
Private Business	0	0.0	10	0.1	55	1.2	2	1.5	18	1.3	1	0.8	86	0.5
Foundation	8	0.7	29	0.3	53	1.2	1	0.7	12	0.8	2	1.7	105	0.6
Foreign Employment	35	3.3	96	0.9	63	1.4	1	0.7	7	0.5	1	0.8	203	1.1
Other Employment	0	0.0	1	*	8	0.2	5	3.7	5	0.4	1	0.8	20	0.1
(SUBTOTAL)	(192)	(17.9)	(2615)	(24.9)	(980)	(21.6)	(47)	(34.7)	(431)	(306)	(45)	(37.1)	(4310)	(24.1)
PROFESSIONAL TRAINING														
Intern/Residency	341	31.8	4325	41.1	17	0.4	5	3.7	4	0.3	3	2.5	4695	26.4
NIH/NIMH Training	186	17.3	1889	17.9	913	20.1	31	23.0	134	9.5	7	5.8	3160	17.8
US Medical School	42	3.9	181	1.7	179	4.0	4	3.0	16	1.1	2	1.7	424	2.4
Other US Higher Ed. Inst.	47	4.4	51	0.5	571	12.6	9	6.7	101	7.1	2	1.7	781	4.4
Foreign Institution	16	1.5	52	0.5	46	1.0	0	0.0	3	0.2	0	0.0	117	0.7
Other Professional Training	60	5.6	495	4.7	273	6.0	2	1.5	37	2.6	2	1.7	869	4.9
(SUBTOTAL)	(692)	(64.5)	(6993)	(66.4)	(1999)	(44.1)	(51)	(37.9)	(295)	(20.8)	(16)	(13.4)	(10046)	(56.6)
Non-Medical Higher Education Environment - Employment/ Training Status Unknown	80	7.4	296	2.8	1100	24.3	16	11.8	383	27.1	17	14.0	1892	10.6
Unknown Employment or Training	110	10.2	623	5.9	452	10.0	21	15.6	304	21.5	43	25.5	1553	8.7
TOTAL FULL-TIME FACULTY	1074	100.0	10527	100.0	4531	100.0	135	100.0	1413	100.0	121	100.0	17801	100.0

TABLE 59

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY

BY EMPLOYMENT OR TRAINING SOURCE PRIOR TO FIRST FULL-TIME MEDICAL SCHOOL APPOINTMENT, BY DEGREE TYPE, 1977-78

PRIOR EMPLOYMENT OR TRAINING SOURCE	TYPE OF DEGREE												TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Total Full-Time Faculty
PROFESSIONAL EMPLOYMENT														
US Non-Med Higher Ed. Inst.	56	2.9	434	1.8	1245	11.2	31	8.2	273	9.3	18	3.5	2057	5.0
US Med School - Volunteer	11	0.6	324	1.3	39	0.3	7	1.9	20	0.7	3	0.6	404	1.0
US Med School - Non-Faculty	9	0.5	84	0.4	272	2.4	5	1.3	215	7.3	15	2.9	600	1.5
US Primary/Secondary Ed. Inst.	0	0.0	0	0.0	5	*	0	0.0	11	0.4	0	0.0	16	*
Private Practice	45	2.3	1847	7.6	19	0.2	22	5.8	23	0.8	8	1.6	1964	4.8
US Hospital - Non-Federal	20	1.0	589	2.4	187	1.7	13	3.4	285	9.7	32	6.3	1126	2.7
State or Local Government	24	1.2	342	1.4	210	1.9	12	3.2	298	10.2	4	0.8	890	2.2
US Active Military	58	3.0	1392	5.7	74	0.7	23	6.1	32	1.1	5	1.0	1584	3.9
US Gov't. - DOD, PHS, VA, Other	109	5.6	1402	5.8	541	4.9	21	5.6	133	4.5	13	2.5	2219	5.4
Private Business	3	0.2	33	0.1	161	1.4	14	3.7	120	4.1	9	1.8	340	0.8
Foundation	28	1.4	97	0.4	274	2.5	4	1.1	46	1.6	4	0.8	453	1.1
Foreign Employment	149	7.7	510	2.1	282	2.5	7	1.8	19	0.6	4	0.8	971	2.4
Other Employment	1	0.1	10	0.1	25	0.2	10	2.7	43	1.5	3	0.6	92	0.2
(SUBTOTAL)	(513)	(26.5)	(7064)	(29.1)	(3334)	(29.9)	(169)	(44.8)	(1518)	(51.8)	(118)	(23.2)	(12716)	(31.0)
PROFESSIONAL TRAINING														
Intern/Residency	553	28.6	9328	38.4	39	0.4	15	4.0	5	0.2	15	2.9	9955	24.2
NIH/NIMH Training	284	14.7	3248	13.4	2342	21.0	44	11.7	93	3.2	10	1.9	6021	14.6
US Medical School	104	5.4	860	3.5	741	6.7	9	2.4	64	2.2	6	1.2	1784	4.3
Other US Higher Ed. Inst.	84	4.3	161	0.7	1830	16.4	52	13.8	482	16.4	4	0.8	2613	6.3
Foreign Institution	65	3.4	264	1.1	174	1.6	0	0.0	6	0.2	2	0.4	511	1.2
Other Professional Training	122	6.3	1704	7.0	749	6.7	26	6.9	101	3.4	15	2.9	2717	6.6
(SUBTOTAL)	(1212)	(62.7)	(15565)	(64.1)	(5875)	(52.8)	(146)	(38.8)	(751)	(25.6)	(52)	(10.1)	(23601)	(57.2)
Non-Medical Higher Education Environment - Employment/ Training Status Unknown	57	2.9	292	1.2	1153	10.4	25	6.6	266	9.1	11	2.1	1804	4.4
Unknown Employment or Training	153	7.9	1358	5.6	773	6.9	37	9.8	394	13.5	330	64.6	3040	7.4
TOTAL FULL-TIME FACULTY	1935	100.0	24274	100.0	11135	100.0	377	100.0	2929	100.0	511	100.0	41161	100.0

TABLE 60

CHANGE IN NUMBER OF FULL-TIME MEDICAL SCHOOL FACULTY, 1967-68 TO 1977-78 & RATIO OF FULL-TIME MEDICAL SCHOOL FACULTY 1977-78/1967-68, BY DEGREE & EMPLOYMENT OR TRAINING SOURCE PRIOR TO FIRST FULL-TIME SALARIED MEDICAL SCHOOL APPOINTMENT

EMPLOYMENT OR TRAINING SOURCE	TYPE OF DEGREE												TOTAL FULL-TIME FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68
PROFESSIONAL EMPLOYMENT														
US Non-Med Higher Ed. Inst.	43	4.077	371	6.889	945	4.500	29	15.500	209	4.266	12	3.000	1609	4.952
US Med School - Volunteer	5	1.833	280	7.364	31	4.875	6	7.000	18	10.000	3	**	343	6.623
US Med School - Non-Faculty	8	9.000	54	2.800	237	7.771	3	1.667	188	7.963	13	7.500	503	6.186
US Primary/Secondary Ed. Inst.	0	1.000	0	1.000	5	**	0	1.000	7	2.750	0	1.000	12	4.000
Private Practice	13	1.406	881	1.912	3	1.188	9	1.629	2	1.095	1	1.143	909	1.862
US Hospital - Non-Federal	19	20.000	476	5.212	3	6.032	11	6.500	257	10.179	27	6.400	946	6.256
State or Local Government	8	1.500	145	1.736	156	1.909	7	2.400	43	1.923	0	1.000	403	1.828
US Active Military	28	1.933	960	3.222	36	1.947	22	11.500	22	3.200	1	1.250	1068	3.070
US Gov't. - DOD, PHS, VA, Other	59	2.180	768	2.111	278	2.057	10	1.909	55	1.705	1	1.083	1171	2.117
Private Business	3	**	23	3.300	106	2.927	12	7.000	102	6.667	8	9.000	254	3.953
Foundation	20	3.500	68	3.345	221	5.170	3	4.000	34	3.833	2	2.000	348	4.314
Foreign Employment	114	4.257	414	5.313	219	4.476	6	7.000	12	2.714	3	4.000	768	4.783
Other Employment	1	**	9	10.000	17	3.125	5	2.000	38	8.600	2	3.000	72	4.600
(SUBTOTAL)	(321)	(2.672)	(4449)	(2.702)	(2354)	(3.402)	(122)	(3.596)	(1087)	(3.522)	(73)	(2.622)	(8406)	(2.950)
PROFESSIONAL TRAINING														
Intern/Residency	212	1.622	5003	2.157	22	2.294	10	3.000	1	1.250	12	5.000	5260	2.120
NIH/NIMH Training	98	1.527	1359	1.719	1429	2.565	13	1.419	-41	.694	3	1.429	2861	1.905
US Medical School	62	2.476	679	4.751	562	4.140	5	2.250	48	4.000	4	3.000	1360	4.208
Other US Higher Ed. Inst.	37	1.787	110	3.157	1259	3.205	43	5.778	381	4.772	2	2.000	1832	3.346
Foreign Institution	49	4.063	212	5.077	128	3.783	0	1.000	3	2.000	2	**	394	4.368
Other Professional Training	62	2.033	1209	3.442	476	2.744	24	13.000	64	2.730	13	7.500	1848	3.127
(SUBTOTAL)	(520)	(1.751)	(8572)	(2.226)	(3876)	(2.939)	(95)	(2.863)	(456)	(2.546)	(36)	(3.250)	(13555)	(2.349)
Non-Medical Higher Education Environment - Employment/ Training Status Unknown	-23	.713	-4	.986	53	1.048	9	1.563	-117	.695	-6	.647	-88	.953
Unknown Employment or Training	43	1.391	735	2.180	321	1.710	16	1.762	90	1.296	287	7.674	1487	1.958
TOTAL FULL-TIME FACULTY	861	1.802	13747	2.306	6604	2.458	242	2.793	1516	2.073	390	4.223	23360	2.313

** Either 1967-68 or 1977-78 base number is zero.

TABLE 61

CHANGE IN PERCENT DISTRIBUTION OF FULL-TIME MEDICAL SCHOOL FACULTY, 1967-68 TO 1977-78,
BY DEGREE TYPE & EMPLOYMENT OR TRAINING SOURCE PRIOR TO FIRST FULL-TIME SALARIED MEDICAL SCHOOL APPOINTMENT

EMPLOYMENT OR TRAINING SOURCE	TYPE OF DEGREE						TOTAL FULL-TIME FACULTY
	M.D. & Ph.D.	M.D.	Ph.D.	O.H.D.	Non-Doctoral	Unknown Degree	
PROFESSIONAL EMPLOYMENT							
US Non-Med Higher Ed. Inst.	-0.2	7.0	-6.5	1.1	-1.0	-0.4	0.0
US Med School - Volunteer	-7.2	8.1	-3.4	0.1	1.7	0.7	0.0
US Med School - Non-Faculty	0.5	-16.9	9.3	-1.3	8.0	0.4	0.0
US Primary/Secondary Ed. Inst.	0.0	0.0	31.2	0.0	-31.2	0.0	0.0
Private Practice	-0.7	2.4	-0.5	-0.1	-0.8	-0.3	0.0
US Hospital - Non-Federal	1.3	-10.5	-6.0	0.0	9.7	0.0	0.0
State or Local Government	-0.6	-2.1	1.0	0.4	1.7	-0.4	0.0
US Active Military	-2.1	4.2	-2.7	1.0	0.1	-0.5	0.0
US Gov't. - DOD, PHS, VA, Other	0.1	2.7	-0.7	-0.2	-1.4	-0.5	0.0
Private Business	0.9	-1.9	-16.6	1.8	14.4	1.4	0.0
Foundation	-1.4	-6.2	10.0	-0.1	-1.3	-1.0	0.0
Foreign Employment	-1.8	5.2	-2.0	0.2	-1.5	-0.1	0.0
Other Employment	1.1	5.9	-12.8	-14.1	21.7	-1.8	0.0
(SUBTOTAL)	(-0.4)	(-5.1)	(3.5)	(0.2)	(1.0)	(-0.1)	(0.0)
PROFESSIONAL TRAINING							
Intern/Residency	-1.8	1.6	0.0	0.1	0.0	0.1	0.0
NIH/NIMH Training	-1.2	-5.9	10.0	-0.3	-2.6	0.0	0.0
US Medical School	-4.1	5.5	-0.7	-0.4	-0.2	-0.1	0.0
Other US Higher Ed. Inst.	-2.8	-0.3	-3.1	0.8	5.5	-0.1	0.0
Foreign Institution	-1.0	7.3	-5.3	0.0	-1.4	0.4	0.0
Other Professional Training	-2.4	5.7	-3.8	0.8	-0.6	0.3	0.0
(SUBTOTAL)	(-1.8)	(-3.6)	(5.0)	(0.1)	(0.3)	(0.0)	(0.0)
Non-Medical Higher Education Environment - Employment/ Training Status Unknown	-1.0	0.5	5.8	0.6	-5.6	-0.3	0.0
Unknown Employment or Training	-2.1	4.6	-3.7	-0.1	-6.7	8.0	0.0
TOTAL FULL-TIME FACULTY	-1.3	-0.1	1.6	0.1	-0.8	0.5	0.0

TABLE 62

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME FEMALE MEDICAL SCHOOL FACULTY BY EMPLOYMENT OR TRAINING SOURCE PRIOR TO FIRST FULL-TIME SALARIED MEDICAL APPOINTMENT BY DEGREE TYPE 1967-68

EMPLOYMENT OR TRAINING SOURCE of FEMALE FACULTY	TYPE OF DEGREE												TOTAL FULL-TIME FEMALE FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Total Full-Time Faculty
PROFESSIONAL EMPLOYMENT														
US Non-Med Higher Ed. I. ..	0	0.0	7	0.8	42	7.4	0	0.0	42	5.5	2	4.5	93	3.9
US Med School - Volunteer	1	2.4	5	0.5	0	0.0	0	0.0	0	0.0	0	0.0	6	0.3
US Med School Non-Faculty	0	0.0	1	0.1	5	0.9	0	0.0	13	1.7	1	2.3	20	0.8
US Primary/Secondary Ed. Inst.	0	0.0	0	0.0	0	0.0	0	0.0	2	0.3	0	0.0	2	0.1
Private Practice	1	2.4	78	8.4	3	0.5	0	0.0	11	1.4	4	9.1	97	4.1
US Hospital - Non-Federal	0	0.0	14	1.5	3	0.5	1	10.0	21	2.7	1	2.3	39	1.6
State or Local Government	0	0.0	28	3.0	18	3.2	0	0.0	100	13.0	3	6.9	149	6.3
US Active Military	0	0.0	0	0.0	1	0.2	0	0.0	2	0.3	2	4.5	5	0.2
US Gov't. - DOD, PHS, VA, Other	1	2.4	19	2.0	28	4.9	0	0.0	27	3.5	2	4.5	77	3.4
Private Business	0	0.0	1	0.1	0	0.0	0	0.0	3	0.4	0	0.0	4	0.2
Foundation	0	0.0	3	0.3	5	0.9	0	0.0	7	0.9	2	4.5	17	0.7
Foreign Employment	4	9.5	6	0.6	7	1.2	0	0.0	2	0.3	0	0.0	19	0.8
Other Employment	0	0.0	0	0.0	4	0.7	0	0.0	2	0.3	1	2.3	7	0.3
(SUBTOTAL)	(7)	(16.7)	(162)	(17.3)	(116)	(20.4)	(1)	(10.0)	(232)	(30.3)	(18)	(40.9)	(536)	(22.7)
PROFESSIONAL TRAINING														
Intern/Residency	12	28.6	394	42.2	4	0.7	0	0.0	0	0.0	1	2.3	411	17.4
NIH/NIMH Training	9	21.4	192	20.6	119	20.9	2	20.0	69	9.0	1	2.3	392	16.6
US Medical School	0	0.0	19	2.0	24	4.2	0	0.0	4	0.6	1	2.3	48	2.0
Other US Higher Ed. Inst.	1	2.4	1	0.1	78	13.7	2	20.0	53	6.9	0	0.0	135	5.7
Foreign Institution	1	2.4	7	0.8	9	1.6	0	0.0	1	0.1	0	0.0	18	0.8
Other Professional Training	1	2.4	59	6.3	30	5.2	0	0.0	20	2.6	2	4.5	112	4.7
(SUBTOTAL)	(24)	(57.2)	(672)	(72.0)	(264)	(46.3)	(4)	(40.0)	(147)	(19.2)	(5)	(11.4)	(1116)	(47.2)
Non-Medical Higher Education Environment - Employment/ Training Status Unknown	7	16.6	30	3.2	137	24.0	1	10.0	201	26.3	6	13.6	382	16.1
Unknown Employment or Training	4	9.5	70	7.5	53	9.3	4	40.0	185	24.2	15	34.1	331	14.0
TOTAL FULL-TIME FEMALE FACULTY	42	100.0	934	100.0	470	100.0	10	100.0	765	100.0	44	100.0	2365	100.0

TABLE 63

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME FEMALE MEDICAL SCHOOL FACULTY BY EMPLOYMENT OR TRAINING SOURCE PRIOR TO FIRST FULL-TIME SALARIED MEDICAL APPOINTMENT BY DEGREE TYPE 1977-78

EMPLOYMENT OR TRAINING SOURCE of FEMALE FACULTY	TYPE OF DEGREE												TOTAL FULL-TIME FEMALE FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Total Full-Time Faculty
PROFESSIONAL EMPLOYMENT														
US Non-Med Higher Ed. Inst.	3	2.9	28	1.1	202	11.4	2	6.7	165	9.9	6	4.7	406	6.5
US Med School - Volunteer	1	1.0	43	1.7	10	0.6	0	0.0	16	1.0	1	0.8	71	1.1
US Med School Non-Faculty	0	0.0	8	0.3	78	4.4	1	3.3	125	7.5	4	3.1	216	3.5
US Primary/Secondary Ed. Inst.	0	0.0	0	0.0	1	*	0	0.0	6	0.4	0	0.0	7	0.1
Private Practice	2	2.0	130	5.1	3	0.2	0	0.0	13	0.8	0	0.0	148	2.4
US Hospital - Non-Federal	3	2.9	103	4.0	43	2.4	1	3.3	190	11.4	17	13.2	357	5.7
State or Local Government	1	1.0	57	2.2	43	2.4	1	3.3	189	11.3	3	2.3	294	4.7
US Active Military	0	0.0	5	0.2	2	0.1	0	0.0	3	0.2	0	0.0	10	0.2
US Gov't. - DOD, PHS, VA, Other	3	2.9	53	2.1	69	3.9	0	0.0	61	3.7	0	0.0	186	3.0
Private Business	0	0.0	2	0.1	14	0.8	2	6.7	41	2.4	0	0.0	59	0.9
Foundation	0	0.0	10	0.4	51	2.9	1	3.3	27	1.6	3	2.3	92	1.5
Foreign Employment	17	16.7	45	1.8	44	2.5	0	0.0	9	0.5	0	0.0	115	1.8
Other Employment	0	0.0	2	0.1	8	0.4	1	3.3	24	1.4	2	1.5	37	0.6
(SUBTOTAL)	(30)	(29.4)	(486)	(19.1)	(568)	(32.0)	(9)	(29.9)	(869)	(52.1)	(36)	(27.9)	(1998)	(32.0)
PROFESSIONAL TRAINING														
Intern/Residency	27	26.5	1146	45.0	10	0.6	0	0.0	2	0.1	1	0.8	1186	19.0
NIH/NIMH Training	14	13.7	316	12.4	311	17.5	3	10.0	50	3.0	3	2.3	697	11.2
US Medical School	4	4.0	93	3.7	122	6.9	0	0.0	30	1.8	2	1.5	251	4.0
Other US Higher Ed. Inst.	3	2.9	21	0.8	314	17.7	12	40.0	280	16.8	0	0.0	630	10.1
Foreign Institution	3	2.9	28	1.1	29	1.6	0	0.0	4	0.2	1	0.8	65	1.0
Other Professional Training	10	9.8	256	10.1	136	7.7	2	6.7	56	3.4	9	7.0	469	7.5
(SUBTOTAL)	(61)	(59.8)	(1860)	(73.1)	(922)	(52.0)	(17)	(56.7)	(422)	(25.3)	(16)	(12.4)	(3298)	(52.8)
Non-Medical Higher Education Environment - Employment/ Training Status Unknown	3	2.9	31	1.2	153	8.6	0	0.0	141	8.5	5	3.9	333	5.3
Unknown Employment or Training	8	7.9	169	6.6	132	7.4	4	13.4	235	14.1	72	55.8	620	9.9
TOTAL FULL-TIME FEMALE FACULTY	102	100.0	2546	100.0	1775	100.0	30	100.0	1667	100.0	129	100.0	6249	100.0

TABLE 64

CHANGE IN NUMBER OF FULL-TIME FEMALE MEDICAL SCHOOL FACULTY, 1967-68 TO 1977-78 & RATIO OF FULL-TIME FEMALE MEDICAL SCHOOL FACULTY 1977-78/1967-78, BY DEGREE & PRIOR EMPLOYMENT OR TRAINING SOURCE

EMPLOYMENT OR TRAINING SOURCE of FEMALE FACULTY	TYPE OF DEGREE												TOTAL FULL-TIME FEMALE FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68
PROFESSIONAL EMPLOYMENT														
US Non-Med Higher Ed. Inst.	3	**	21	4.000	160	4.810	2	**	123	3.929	4	3.000	313	4.366
US Med School - Volunteer	0	1.000	38	8.600	10	**	0	-	16	**	1	**	65	11.833
US Med School - Non-Faculty	0	-	7	8.000	73	15.600	1	**	112	9.615	3	4.000	196	10.800
US Primary/Secondary Ed. Inst.	0	-	0	1.000	1	**	0	-	4	3.000	0	-	5	3.500
Private Practice	1	2.000	52	1.667	0	-	0	-	2	1.182	-4	0.000	50	1.510
US Hospital - Non-Federal	3	**	89	7.357	40	14.333	0	1.000	169	9.048	16	17.000	318	9.154
State or Local Government	1	**	29	2.036	25	2.389	1	**	89	1.890	0	1.000	145	1.973
US Active Military	0	-	5	**	1	2.000	0	-	1	1.500	2	0.000	5	2.000
US Gov't. - DOD, PHS, VA, Other	2	3.000	34	2.789	41	2.464	0	-	34	2.259	2	0.000	109	2.416
Private Business	0	-	1	2.000	14	**	2	**	38	13.667	0	-	55	14.750
Foundation	0	-	7	3.333	46	10.200	1	**	20	3.857	1	1.500	75	5.412
Foreign Employment	13	4.250	39	7.500	37	6.286	0	-	7	4.500	0	-	96	6.053
Other Employment	0	-	2	**	4	2.000	1	**	22	12.000	1	2.000	30	5.286
(SUBTOTAL)	(23)	(4.286)	(324)	(3.000)	(452)	(4.897)	(8)	(9.000)	(637)	(3.746)	(18)	(2.000)	(1462)	(3.728)
PROFESSIONAL TRAINING														
Intern/Residency	15	2.250	752	2.909	6	2.500	0	-	2	**	0	-	775	2.886
NIH/NIMH Training	5	1.556	124	1.646	192	2.613	1	1.500	-19	.725	2	3.000	305	1.778
US Medical School	4	**	74	4.895	98	5.083	0	-	26	7.500	1	2.000	203	5.229
Other US Higher Ed. Inst.	2	3.000	20	21.000	236	4.026	10	6.000	227	5.283	0	-	495	4.667
Foreign Institution	2	3.000	21	4.000	20	3.222	0	-	3	4.000	1	**	47	3.611
Other Professional Training	9	10.000	197	4.339	106	4.533	2	**	36	2.800	7	4.500	357	4.188
(SUBTOTAL)	(37)	(2.542)	(1188)	(2.768)	(658)	(3.492)	(13)	(4.250)	(275)	(2.871)	(11)	(3.200)	(2182)	(2.955)
Non-Medical Higher Education Environment - Employment/ Training Status Unknown	-4	.429	1	1.033	16	1.117	1	0.000	-60	.701	-1	.833	-49	.872
Unknown Employment or Training	4	2.000	99	2.414	79	2.491	0	1.000	50	1.270	57	4.800	289	1.873
TOTAL FULL-TIME FEMALE FACULTY	60	2.429	1612	2.726	1305	3.777	20	3.000	902	2.179	85	2.932	3884	2.642

** 1967-68 base number is zero.
(-) represents no faculty in either time period.

TABLE 65

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MALE MEDICAL SCHOOL FACULTY BY EMPLOYMENT OR TRAINING SOURCE PRIOR TO FIRST FULL-TIME SALARIED MEDICAL APPOINTMENT BY DEGREE TYPE 1967-68

EMPLOYMENT OR TRAINING SOURCE of MALE FACULTY	TYPE OF DEGREE												TOTAL FULL-TIME MALE FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Total Full-Time Faculty
PROFESSIONAL EMPLOYMENT														
US Non-Med Higher Ed. Inst.	13	1.2	56	0.6	258	6.5	2	1.6	22	3.4	4	5.2	355	2.3
US Med School - Volunteer	5	0.5	39	0.4	8	0.2	1	0.8	2	0.3	0	0.0	55	0.4
US Med School Non-Faculty	1	0.1	29	0.3	30	0.8	2	1.6	14	2.2	1	1.3	77	0.5
US Primary/Secondary Ed. Inst.	0	0.0	0	0.0	0	0.0	0	0.0	2	0.3	0	0.0	2	*
Private Practive	31	3.0	888	9.3	13	0.3	12	9.6	10	1.5	3	3.9	957	6.2
US Hospital - Non-Federal	1	0.1	99	1.0	28	0.7	2	1.6	7	1.1	4	5.2	141	0.9
State or Local Government	16	1.6	169	1.8	92	2.3	5	4.0	55	8.5	1	1.3	338	2.2
US Active Military	30	2.9	432	4.5	37	1.0	2	1.6	8	1.2	2	2.6	511	3.3
US Gov't. - DOD, PHS, VA, Other	49	4.7	615	6.4	235	5.9	11	8.8	51	7.9	10	13.0	971	6.3
Private Business	0	0.0	9	0.1	55	1.4	2	1.6	15	2.3	1	1.3	82	0.5
Foundation	8	0.8	26	0.3	48	1.2	1	0.8	5	0.8	0	0.0	88	0.6
Foreign Employment	31	3.0	90	0.9	56	1.4	1	0.8	5	0.8	1	1.3	184	1.2
Other Employment	0	0.0	1	*	4	0.1	5	4.0	3	0.4	0	0.0	13	0.1
(SUBTOTAL)	(185)	(17.9)	(2453)	(25.6)	(864)	(21.8)	(46)	(36.8)	(199)	(30.7)	(27)	(35.1)	(3774)	(24.5)
PROFESSIONAL TRAINING														
Intern/Residency	329	31.9	3931	41.0	14	0.4	5	4.0	4	0.6	2	2.6	4285	27.8
NIH/NIMH Training	177	17.1	1697	17.7	793	20.0	29	23.2	65	10.0	6	7.8	2767	17.9
US Medical School	42	4.1	162	1.7	155	3.9	4	3.2	12	1.9	1	1.3	376	2.4
Other US Higher Ed. Inst.	46	4.4	50	0.5	493	12.5	7	5.6	48	7.4	2	2.6	646	4.2
Foreign Institution	15	1.5	45	0.5	37	0.9	0	0.0	2	0.3	0	0.0	99	0.7
Other Professional Training	59	5.7	436	4.5	243	6.1	2	1.6	17	2.6	0	0.0	757	4.9
(SUBTOTAL)	(668)	(64.7)	(6321)	(65.9)	(1735)	(43.8)	(47)	(37.6)	(148)	(22.8)	(11)	(14.3)	(8930)	(57.9)
Non-Medical Higher Education Environment - Employment/ Training Status Unknown	73	7.1	266	2.8	963	24.3	15	12.0	182	28.1	11	14.3	1510	9.8
Unknown Employment or Training	106	10.3	553	5.7	399	10.1	17	13.6	119	18.4	28	36.3	1222	7.9
TOTAL FULL-TIME MALE FACULTY	1032	100.0	9593	100.0	3961	100.0	125	100.0	648	100.0	77	100.0	15436	100.0

TABLE 66

NUMBER & PERCENT DISTRIBUTION OF FULL-TIME MALE MEDICAL SCHOOL FACULTY BY EMPLOYMENT OR TRAINING SOURCE
PRIOR TO FIRST FULL-TIME SALARIED MEDICAL APPOINTMENT BY DEGREE TYPE 1977-78

EMPLOYMENT OR TRAINING SOURCE of MALE FACULTY	TYPE OF DEGREE												TOTAL FULL-TIME MALE FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Degree	Number of Faculty	Percent of Total Full-Time Fac.
PROFESSIONAL EMPLOYMENT														
US Non-Med Higher Ed. Inst.	53	2.9	497	1.9	1043	11.1	29	8.4	108	8.6	12	3.1	1652	4.7
US Med School - Volunteer	10	0.5	280	1.3	29	0.3	7	2.0	4	0.3	2	0.5	332	1.0
US Med School Non-Faculty	9	0.5	76	0.3	193	2.1	4	1.2	90	7.1	11	2.9	383	1.1
US Primary/Secondary Ed.Inst.	0	0.0	0	0.0	4	*	0	0.0	5	0.4	0	0.0	9	*
Private Practice	43	2.3	1717	7.9	16	0.2	22	6.3	10	0.7	8	2.1	1816	5.2
US Hospital-Non-Federal	17	0.9	486	2.2	144	1.5	12	3.4	95	7.5	16	3.9	769	2.2
State or Local Government	23	1.3	285	1.3	167	1.8	11	3.2	109	8.6	1	0.2	596	1.7
US Active Military	58	3.2	1387	6.4	76	0.8	23	6.6	29	2.3	5	1.3	1578	4.5
US Gov't. -DOD, PHS, VA, Other	106	5.8	1349	6.2	472	5.0	21	6.0	72	5.7	13	3.4	2033	5.8
Private Business	3	0.2	31	0.1	147	1.6	12	3.5	79	6.3	9	2.4	281	0.8
Foundation	28	1.5	87	0.4	223	2.4	3	0.9	19	1.5	1	0.3	361	1.0
Foreign Employment	132	7.2	465	2.1	239	2.6	7	2.0	10	0.8	4	1.0	857	2.5
Other Employment	1	0.1	8	*	17	0.2	9	2.6	19	1.5	1	0.3	55	0.2
(SUBTOTAL)	(483)	(26.4)	(6578)	(30.3)	(2770)	(29.6)	(160)	(46.1)	(649)	(51.4)	(83)	(21.5)	(10722)	(30.7)
PROFESSIONAL TRAINING														
Intern/Pesidency	526	28.7	8192	37.7	29	0.3	15	4.4	2	0.2	14	3.7	8769	25.1
NIH/NIMH Training	270	14.7	29323	13.5	2028	21.7	41	11.8	43	3.4	7	1.8	5321	15.3
US Medical School	100	5.5	767	3.5	618	6.6	9	2.6	34	2.7	4	1.0	1533	4.4
Other US Higher Ed. Inst.	81	4.4	140	0.6	1516	16.2	40	11.5	202	16.0	4	1.0	1983	5.7
Foreign Institution	62	3.4	236	1.1	145	1.5	0	0.0	2	0.2	1	0.3	446	1.3
Other Professional Training	112	6.1	1448	6.7	613	6.5	24	6.9	45	3.6	6	1.6	2248	6.4
(SUBTOTAL)	(1151)	(62.8)	(13706)	(63.1)	(4950)	(52.9)	(129)	(37.2)	(329)	(26.1)	(36)	(9.4)	(20300)	(58.2)
Non-Medical Higher Education Environment - Employment/ Training Status Unknown	54	2.9	261	1.2	999	10.7	25	7.2	125	9.9	6	1.6	1470	4.2
Unknown Employment or Training	145	7.9	1184	5.4	641	6.8	33	9.5	159	12.6	259	67.5	2420	6.9
TOTAL FULL-TIME MALE FACULTY	1833	100.0	21729	100.0	9360	100.0	347	100.0	1262	100.0	382	100.0	34912	100.0

TABLE 67

CHANGE IN NUMBER OF FULL-TIME MALE MEDICAL SCHOOL FACULTY, 1967-68 TO 1977-78 & RATIO OF FULL-TIME MALE MEDICAL SCHOOL FACULTY 1977-78/1967-68, BY DEGREE & PRIOR EMPLOYMENT OR TRAINING SOURCE

EMPLOYMENT OR TRAINING SOURCE of MALE FACULTY	TYPE OF DEGREE												TOTAL FULL-TIME MALE FACULTY	
	M.D. & Ph.D.		M.D.		Ph.D.		O.H.D.		Non-Doctoral		Unknown Degree			
	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68	Change in Number of Faculty	Ratio: 77-78/67-68
PROFESSIONAL EMPLOYMENT														
US Non-Med Higher Ed. Inst.	40	4.077	441	8.875	785	4.043	27	14.500	86	4.320	8	3.000	1297	4.654
US Med School - Volunteer	5	2.000	241	7.179	21	3.625	6	7.000	2	2.000	2	**	277	6.036
US Med School - Non-Faculty	8	9.000	47	2.621	163	6.433	2	2.000	76	6.429	10	11.000	306	4.974
US Primary/Secondary Ed. Inst.	0	-	0	-	4	**	0	-	3	2.500	0	-	7	4.500
Private Practice	12	1.387	829	1.934	3	1.231	10	1.833	0	1.000	5	2.667	859	1.898
US Hospital - Non-Federal	16	17.000	387	4.910	116	5.143	10	6.000	88	13.571	11	3.750	628	5.454
State or Local Government	7	1.438	116	1.686	75	1.815	6	2.200	54	1.982	0	-	258	1.763
US Active Military	28	1.933	955	3.211	39	2.054	21	11.500	21	3.625	3	2.500	1067	3.088
US Gov't. - DOD, PHS, VA, Other	57	2.163	734	2.193	237	2.009	10	1.909	21	1.412	3	1.300	1072	2.094
Private Business	3	**	22	3.444	92	2.673	10	6.000	64	5.267	8	9.000	199	3.427
Foundation	20	3.500	61	3.346	175	4.646	2	3.000	14	3.800	1	**	273	4.102
Foreign Employment	101	4.258	375	5.167	183	4.268	6	7.000	5	2.000	3	4.000	673	4.658
Other Employment	1	**	7	8.000	13	4.250	4	1.800	16	6.333	1	**	42	4.231
(SUBTOTAL)	(298)	(2.611)	(4125)	(2.682)	(1906)	(3.206)	(114)	(3.478)	(450)	(3.261)	(55)	(3.037)	(6948)	(2.841)
PROFESSIONAL TRAINING														
Intern/Residency	197	1.599	4251	2.081	15	2.071	10	3.000	-1	.750	12	7.000	4484	2.046
NIH/NIMH Training	93	1.525	1235	1.728	1235	2.557	12	1.414	-22	.662	1	1.167	2554	1.923
US Medical School	58	2.381	605	4.735	464	3.994	5	2.250	22	2.833	3	4.000	1157	4.077
Other US Higher Ed. Inst.	35	1.761	90	2.800	1023	3.075	33	5.714	154	4.208	2	2.000	1337	3.070
Foreign Institution	47	4.133	191	5.244	108	3.919	0	-	0	1.000	1	**	347	4.505
Other Professional Training	53	1.898	1012	3.321	370	2.523	22	12.000	28	2.647	6	**	1491	2.970
(SUBTOTAL)	(463)	(1.673)	(7384)	(2.168)	(3215)	(2.853)	(82)	(2.745)	(181)	(2.223)	(25)	(3.273)	(11370)	(2.273)
Non-Medical Higher Education Environment - Employment/ Training Status Unknown	-19	.740	-5	.981	36	1.037	10	1.667	-57	.687	-5	.545	-40	.974
Unknown Employment or Training	39	1.368	631	2.141	242	1.607	16	1.941	40	1.336	230	9.214	1198	1.980
TOTAL FULL-TIME FACULTY	801	1.776	12135	2.265	5399	2.363	222	2.776	614	1.948	305	4.961	19476	2.262

** 1967-68 base number is zero.
(-) represents no faculty in either time period.

IV. APPENDICES

APPENDIX A

AAMC FACULTY ROSTER

AAMC Form FR-1
Rev. 11/77

DATA RELEASE POLICY

Information maintained in the Faculty Roster System will be released only in accordance with the following policy: Items designated (C), Confidential, will be released only to the individual faculty member and to an authorized representative of the school. Items designated (R), Restricted, will be furnished to authorized individuals at member schools and others at the discretion of the AAMC President. Unrestricted, (U), items are considered directory information. Aggregates of any class of data items may be published.

1. **DATE OF FORM COMPLETION:** (U) ___/___/___ Month Day Year

2. **MEDICAL SCHOOL REPORTING:** (U) _____

3. **OPTIONAL INFORMATION:** (C) ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐ (For school use only)

A. BACKGROUND INFORMATION

4. **NAME OF FACULTY MEMBER:** (U)

4a. LAST _____ (Indicate if Jr., III, etc.)

4b. FIRST _____

4c. MIDDLE _____

5. **SOCIAL SECURITY NUMBER:** (C) ___/___/___

6. **SEX** *(Check one)*: (R) 1 ___ Male 2 ___ Female

7. **ETHNIC/RACIAL SELF-IDENTIFICATION:** (R)

Check only one

1 ___ American Indian or Alaskan native
2 ___ Asian or Pacific Islander
3 ___ Black, not of Hispanic origin
4 ___ Mexican American or Chicano (Hispanic)
5 ___ Puerto Rican (Hispanic)
6 ___ Other Hispanic
7 ___ White, not of Hispanic origin
0 ___ Do not wish to respond

8. **DATE OF BIRTH:** (R) ___/___/___ Month Day Year

9. **BIRTHPLACE** (Country): (R) _____

10. **CURRENT CITIZENSHIP** (Country): (U) _____

10a. **VISA STATUS OF NON-U.S. CITIZENS:** (R)

Check one:

1 ___ Temporary
2 ___ Permanent
0 ___ Not Applicable (U.S. Citizen)

B. CURRENT APPOINTMENT INFORMATION

11. **PRIMARY APPOINTMENT IN MEDICAL SCHOOL:** (U)

IF PRIMARY APPOINTMENT IS NOT IN MEDICAL SCHOOL, check here ☐ and go to Item 12 (i.e., the primary appointment may be in a School of Dentistry, Nursing, Pharmacy, etc.)

11a. **MEDICAL SCHOOL DEPARTMENT:**
(Or Administrative Unit Equal to or above Dept. level)

_____

11b. **CHAIRPERSON THIS UNIT?** *CHECK ONE:* ☐ Yes ☐ No

11c. **ACADEMIC RANK** (in Primary Department):

_____
(Enter exact wording of academic rank)

11d. **EQUIVALENT ACADEMIC RANK:**
(Indicate the closest equivalent rank to the rank entered in Item 11c.)

Check only one

1 ___ Professor
2 ___ Associate Professor
3 ___ Assistant Professor
4 ___ Instructor
8 ___ Other
0 ___ None/Not Applicable

12. **JOINT APPOINTMENT MEDICAL SCHOOL DEPARTMENT:** (U)

IF NO JOINT APPOINTMENT is held in the medical school, check here ☐ and go to Item 13.

12a. **MEDICAL SCHOOL DEPARTMENT:**
(Or Administrative Unit Equal to or above Dept. level)

_____

12b. **CHAIRPERSON THIS UNIT?** *CHECK ONE:* ☐ Yes ☐ No

12c. **ACADEMIC RANK** (in Joint Department):

_____
(Enter exact wording of academic rank)

12d. **EQUIVALENT ACADEMIC RANK:**
(Indicate the closest equivalent rank to the one entered in Item 12c.)

Check only one

1 ___ Professor
2 ___ Associate Professor
3 ___ Assistant Professor
4 ___ Instructor
8 ___ Other
0 ___ None/Not Applicable

13. **NATURE OF EMPLOYMENT:** (C)

Check only the one most applicable for medical school appointment

Salaried Appointment in the Medical School

1 ___ SFT: Strict full-time in the medical school
2 ___ GFT: Geographic full-time in the medical school
3 ___ PTS: Part-time salaried in the medical school

Salaried Appointment in an Affiliated Institution (including VA, teaching hospitals)

4 ___ SFTA: Strict full-time in an affiliated institution
5 ___ GFTA: Geographic full-time in an affiliated institution
6 ___ PTSA: Part-time salaried in an affiliated institution

13a. _____ (name of affiliated institution)

VOLUNTEER STATUS

7 ___ VOL: Voluntary (Not salaried by either the medical school or the affiliated institution)

(VOLUNTARY FACULTY MAY GO TO SECTION D: EDUCATION AND TRAINING)

14. **BEGINNING MONTH AND YEAR OF CURRENT, CONTINUOUS EMPLOYMENT AS A SALARIED FACULTY MEMBER AT THIS SCHOOL OR ONE OF ITS AFFILIATED INSTITUTIONS:** (C) ____/____ Month Year

15. **TENURE STATUS:** (C) *(Check one)*

1____ Tenured
2____ On Tenure Track (eligible for tenure)
3____ Not on Tenure Track
4____ Tenure Not Available at the Institution

16. **MAJOR AREAS OF RESPONSIBILITY FOR THE MEDICAL SCHOOL:** C

Indicate usual functional activities in any combination of Teaching/Instruction, Research, Patient Care, Administration, or Other Professional Activity. If a Primary responsibility for the medical school exists, enter "P" in the appropriate box. Check (X) other applicable areas only if they are performed at least 10% of the time for the medical school.

____ Teaching/Instruction
____ Research
____ Patient Care (Patient Education)
____ Administration
____ Other Professional Activities

C. PROFESSIONAL EMPLOYMENT HISTORY (U)

17. **YEAR OF FIRST SALARIED FACULTY APPOINTMENT AT A U.S. MEDICAL SCHOOL:** (U) _____

(Includes appointments while salaried by an affiliated institution if a faculty appointment was held)

18. **PROFESSIONAL EMPLOYMENT OR TRAINING ACTIVITY IMMEDIATELY PRIOR TO FIRST U.S. MEDICAL SCHOOL SALARIED ACADEMIC FACULTY EMPLOYMENT:** U

CHECK ONLY ONE

PROFESSIONAL EMPLOYMENT

01____ U.S. Non-Medical Higher Education Institution
02____ U.S. Medical School - Volunteer Faculty
03____ U.S. Medical School - Non-Faculty Position
04____ U.S. Primary/Secondary Educational Institution
05____ Private Practice of Medicine
06____ U.S. Hospital (Non-Federal)
07____ State or Local Government (U.S.)
08____ U.S. Active Military Service
09____ U.S. Government - DOD & Military Hospitals
10____ U.S. Government - PHS (Include PHS Hospitals, NIH, & NIMH)
11____ U.S. Government - Veterans Administration (include V.A. Hospitals)
12____ U.S. Government - Other
13____ Private Business or Industry
14____ Foundation, Research Institute, Association (or other non-profit organization)
15____ Foreign Employment
16____ Other Employment
(Specify) _____

OR PROFESSIONAL TRAINING

20____ Internship/Residency
21____ NIH/NIMH Training Program
22____ U.S. Medical School
23____ Other U.S. Higher Education Institution
24____ Foreign Educational Institution
25____ Other Professional Training
(Specify) _____

19-24. **PREVIOUS PROFESSIONAL EMPLOYMENT:** (U)
(List most recent employment first.)

	Years		Type of Employment (If Academic, Enter School Name and Location) (If Non-Academic, Enter from Professional Employment List above) *(Report internships, residencies and fellowships in Items 31-37, 42-45, and 47-52)*	If Employment was on Faculty of a Medical School, Indicate: Complete only if faculty status held								
	From (a)	To (b)	(c)	Check if Medical School Faculty Status (d)	Major Areas of Responsibility (e)* (Check as applicable) Teaching	Research	Patient Care	Admin.	Other	Medical School Department (f)	Nature of Employment (Full or Part Time Salaried or Volunteer) (g)	Highest Academic Rank Held (h)**
19												
20												
21												
22												
23												
24												

*Enter "P" if one activity was a primary responsibility for the medical school; check (X) other areas only if performed at least 10% of the time for the medical school.

**Indicate closest equivalent academic rank from following list:
1 - Professor
2 - Assoc. Professor
3 - Asst. Professor
4 - Instructor
8 - Other
0 - None/Not Applicable

D. EDUCATION AND TRAINING (U)

25-30. **EARNED DEGREES AT THE BACHELOR'S LEVEL AND ABOVE.** (If two degrees at the same level are held, enter the more recent.)

25. **IF NO EARNED DEGREES, PLEASE CHECK** ☐

		SPECIFY DEGREE (a)	FIELD OF STUDY (Select from Discipline List) (b)	INSTITUTION CONFERRING DEGREE (c)	STATE (If U.S.) COUNTRY (If Foreign)	YEAR COMPLETED (d)
26	M.D., D.O., M.B.B.S., OR FOREIGN EQUIVALENT		MEDICINE			
27	PH.D. OR EQUIVALENT					
28	OTHER HEALTH RELATED DOCTORATE					
29	MASTERS					
30	BACHELORS					

M.D.'S ONLY (INCLUDING D.O.'S AND FOREIGN EQUIVALENT) COMPLETE THIS SECTION: ITEMS 31-45 (Ph.D.'s and Ph.D. Candidates, go to Items 47-52)

31-37. **POST M.D. INTERNSHIPS AND RESIDENCIES IN THE U.S.A.:** (U)

		HOSPITAL (a)	CITY	STATE	YEAR COMPLETED (b)	
31. INTERNSHIP IN THE U.S.A. ☐ NONE	32					

		RESIDENCY PROGRAM (Select from Residency Program List) (a)	HOSPITAL(S) at which residency requirements completed (b)	CITY	STATE	YEAR COMPLETED (c)	BOARD ELIGIBILITY Circle one (d)	
34. RESIDENCIES IN THE U.S.A. ☐ NONE *(Report fellowships in Items 43-45)*	35						Yes	No
	36						Yes	No
	37						Yes	No

39-41. **MEDICAL SPECIALTY OR SUB-SPECIALTY AND U.S. BOARD CERTIFICATIONS (M.D.'S ONLY):** (U)

(Select from M.D. Specialty List)

		Board Certified?	Year Certified
39a. Primary Specialty _____	b. ☐ Yes ☐ No	c. _____
40a. Second Specialty _____	b. ☐ Yes ☐ No	c. _____
41a. Third Specialty _____	b. ☐ Yes ☐ No	c. _____

42-45. **POST M.D. FELLOWSHIPS OF SIX MONTHS' DURATION OR LONGER FOR RESEARCH OR CLINICAL TRAINING:** (U)

42 ___ NONE

	Indicate Research (R) or Clinical (C) Training (a)	INSTITUTION OF TRAINING (b)	SPECIALTY/DISCIPLINE (Select from Specialty or Discipline List) (c)	SOURCE OF AWARD (Select from List Below) (d)	YEARS From (e)	YEARS To (f)
43						
44						
45						

SOURCE OF AWARD LIST

1	NIH	National Institutes of Health
2	PHS	Other Public Health Service
3	DHEW-Other	All Other Dept. Health, Education & Welfare
4	NSF	National Science Foundation
5	VA	Veterans Administration
6	FED-Other	Federal - Other
7	FDN	Foundation, society, association
8	IND	Industry, business
9	OTH	All other, please specify

PH.D.'S AND PH.D. CANDIDATES ONLY COMPLETE THIS SECTION

47-52. **PRE- AND POST-PH.D. RESEARCH TRAINING FELLOWSHIPS OF SIX MONTHS' DURATION OR LONGER:** (U)

47 ___ NONE

Do not duplicate information supplied in Items 43-45.

	PRE- OR POST-DOCTORAL (a)	INSTITUTION OF TRAINING (b)	DISCIPLINE (Select from Discipline List) (c)	SOURCE OF AWARD (Select from List Above) (d)	YEARS From (e)	YEARS To (f)
48						
49						
50						
51						
52						

1971-72

FULL-TIME AND PART-TIME SALARIED MEDICAL FACULTY RECORD

(TERMS IN **REVERSE** ARE DEFINED ON OPPOSITE SIDE OF FORM)

MEDICAL SCHOOL OF CURRENT EMPLOYMENT

EFFECTIVE DATE OF DATA / /

NAME (LAST, FIRST TWO INITIALS) 2 SEX: MALE ☐ FEMALE ☐ 3 SOC SEC NO / / 4 BIRTHDATE / / 5 BIRTHPLACE (COUNTRY)

6 CITIZENSHIP 7 FORMER CITIZENSHIP IF NATURALIZED 8 DATE OF NATURALIZATION / / 9 VISA STATUS TEMPORARY ☐ PERMANENT ☐

10 DEPARTMENT (OR ADMINISTRATIVE UNIT EQUAL TO OR ABOVE DEPT LEVEL) 11 ACADEMIC RANK 12 ADMINISTRATIVE TITLE

13 JOINT DEPARTMENT MS HS O OI (CIRCLE ONE) DEPT NAME 14 ACADEMIC RANK 15 ADMINISTRATIVE TITLE

16 **BASIC SPECIALTY(S)** 16A 16B

17 **CURRENT MAJOR AREAS OF RESPONSIBILITY:** TEACHING ☐ RESEARCH ☐ SERVICE ☐ ADMINISTRATION ☐ OTHER ☐

18 **NATURE OF EMPLOYMENT:** STRICT FULL TIME ☐ STRICT FULL TIME AFFILIATED ☐ GEOGRAPHIC FULL TIME ☐ GEOGRAPHIC FULL TIME AFFILIATED ☐ PART TIME SALARIED ☐

18A AFFILIATION

PAST PROFESSIONAL EMPLOYMENT HISTORY

LIMIT TO LAST 5 YEARS, BEGINNING WITH DATE CURRENT EMPLOYMENT BEGAN AND WORK BACKWARDS

YEARS FROM	TO	TYPE OF EMPLOYMENT (T R S A O)	IF ACADEMIC, ENTER SCHOOL NAME AND LOCATION	MAJOR AREAS OF RESPONSIBILITY	COMPLETE COLUMNS e-h FOR MEDICAL SCHOOL EMPLOYMENT ONLY: DEPARTMENT	NATURE OF EMPLOYMENT	ACADEMIC RANK	ADMINISTRATIVE TITLE
			CURRENT SCHOOL					

26 PLEASE CHECK THE SOURCE FROM WHICH YOU ORIGINALLY ENTERED MEDICAL SCHOOL EMPLOYMENT. CHECK ONLY ONE: NIH TRAINING PROGRAM ☐ PRIVATE PRACTICE ☐ EDUCATIONAL INSTITUTION OTHER THAN MEDICAL SCHOOL ☐ MILITARY SERVICE ☐ RESIDENCY ☐ FEDERAL GOVT ☐ STATE OR LOCAL GOVT ☐ OTHER (SPECIFY)

26A YEAR OF FIRST MEDICAL SCHOOL FACULTY APPOINTMENT

27 HAVE YOU EVER SERVED AS A VOLUNTEER NON SALARIED FACULTY MEMBER AT A MEDICAL SCHOOL YES ☐ NO ☐ 28 LATEST YEAR

EARNED DEGREES

LIST ALL DEGREES

		SPECIFY DEGREE (f)	FIELD OF STUDY (g)	INSTITUTION CONFERRING DEGREE	STATE / COUNTRY IF FOREIGN	YEAR COMP (i)
M.D., D.O. OR FOREIGN EQUIVALENT	30		MEDICINE			
PH.D. OR EQUIVALENT	31					
OTHER HEALTH PROF. DOCTORATES	32					
MASTERS	33					
BACHELORS	34					

29 IF NO EARNED DEGREES PLEASE CHECK ☐

ITEMS 36-54 TO BE COMPLETED BY M.D.'S, D.O.'S OR FOREIGN EQUIVALENT ONLY

INTERNSHIPS IN THE U. S. A.

U.S. HOSPITAL (j) CITY STATE YEAR COMP (k)

M.A.M.C. ☐

SPEEDFLO® MOORE BUSINESS FORMS, INC.

38

RESIDENCIES IN THE U. S. A.

39 NONE ☐

	U. S. HOSPITAL (a)	CITY	STATE	SERVICE (b)	YEAR COMP (c)
40					
41					
42					
43					

U. S. MEDICAL SPECIALTY BOARD CERTIFICATION 45 NONE ☐

46 FIRST CERTIFICATION _____ 47 YEAR _____ 48 SECOND CERTIFICATION _____ 49 YEAR _____

FOREIGN MEDICAL SPECIALTY CERTIFICATION: 52 NONE ☐ 53 SPECIALTY _____ 54 YEAR _____

PREDOCTORAL SUPPORT (LIST SUPPORT FOR SIX MONTHS DURATION OR LONGER)

55 NONE ☐

	INSTITUTION OF TRAINING (a)	DISCIPLINE (b)	PURPOSE (c)	SOURCE OF AWARD (d)	YEAR(S) FROM (e)	YEAR(S) TO (f)
56						
57						
58						

POSTDOCTORAL SUPPORT (LIST SUPPORT FOR SIX MONTHS DURATION OR LONGER)

59 NONE ☐

	INSTITUTION OF TRAINING (a)	DISCIPLINE (b)	PURPOSE (c)	SOURCE OF AWARD (d)	YEAR(S) FROM (e)	YEAR(S) TO (f)
60						
61						
62						
63						

CURRENT PARTICIPATION IN NIH TRAINING GRANTS: (USE ONE LINE PER TRAINING GRANT)

64 NONE ☐

	DISCIPLINE (a)	DIRECTOR (b)	STAFF (c)	SALARY SUPPORT YES (d)	SALARY SUPPORT NO (e)
65		☐	☐	☐	☐
66		☐	☐	☐	☐
67		☐	☐	☐	☐

75. ETHNIC GROUP:

1 BLACK AMERICAN
2 AMERICAN INDIAN
3 MEXICAN AMERICAN
4 PUERTO RICAN
5 OTHER SPANISH SURNAMED
6 ORIENTAL (CHINA/JAPAN)
7 OTHER ASIAN
8 CAUCASIAN
9 OTHER

CURRENT PARTICIPATION IN OTHER FEDERAL PROGRAMS: (INCLUDING NIH)

68 NONE ☐

	FEDERAL AGENCY (a)	NATURE OF PROGRAM ACTIVITY (b) RESEARCH	EDUCATION	PATIENT CARE	OTHER	NAME OF SPONSORING AGENCY'S PROGRAM (c)	SALARY SUPPORT YES (d)	SALARY SUPPORT NO (e)
69		☐	☐	☐	☐		☐	☐
70		☐	☐	☐	☐		☐	☐
71		☐	☐	☐	☐		☐	☐
72		☐	☐	☐	☐		☐	☐
73		☐	☐	☐	☐		☐	☐

AAMC COPY

SOC. SEC. NO. / / 74

APPENDIX B

DESCRIPTION OF VARIABLES DERIVED FROM
FACULTY ROSTER SYSTEM MASTER FILE,
FOR TABULATIONS IN REPORT

Variable Number	Description of Variable	Values of Variable and Their Meaning	Derivation from Accession Form
1	Identification of type of school	1 = private; 2 = public	
2	Sex of faculty member	0 = unknown sex; 1 = male; 2 = female	Item 6, copied.
3	Ethnic/Racial Self-Identification	0 = Unknown race 1 = American Indian, Alaskan Native 2 = Asian, Pacific Islander 3 = Black, Non-Hispanic 4 = Mexican American 5 = Puerto Rican 6 = Other Hispanic 7 = White 8 = Do not wish to respond	Item 7, copied.
4	Major ethnic group	0 = Unknown ethnic 1 = Caucasian 2 = Underrepresented minority 3 = Other minority	
5	Intervals of Age	0 = Unknown age 1 = 20-29 2 = 30-34 3 = 35-39 4 = 40-44 5 = 45-49 6 = 50-54 7 = 55-59 8 = 60-64 9 = Over 65	
6	Citizenship	0 = Unknown citizenship 1 = U.S. 2 = Canada 3 = Foreign	

APPENDIX B

DESCRIPTION OF VARIABLES DERIVED FROM
FACULTY ROSTER SYSTEM MASTER FILE
FOR TABULATIONS IN REPORT

Variable Number	Description of Variable	Values of Variable and Their Meaning	Derivation from Accession Form
7	Primary Department	00 = Unknown Department 01 = Anatomy 02 = Biochemistry 05 = Microbiology 06 = Pathology-Basic Science 07 = Pharmacology 08 = Physiology 09 = Other Basic Science 10 = Anesthesiology 11 = Dermatology 12 = Family Practice 13 = Internal Medicine 14 = Neurology 15 = Obstetrics and Gynecology 16 = Opthalmology 17 = Orthopedic Surgery 18 = Otolaryngology 20 = Pediatrics 21 = Physical Med & Rehabilitation 22 = Psychiatry 23 = Public Health & Prev Med 24 = Radiology 25 = Surgery 29 = Other Clinical Science 30 = Other (Inc None)	
8	Primary Department Group	0 = Unknown Department 1 = Basic 2 = Clinical 3 = Other	
9	Primary Department Academic Rank	00 = Unknown Rank 01 = Professor 02 = Associate Professor 03 = Assistant Professor 04 = Instructor 08 = Other	

APPENDIX B

DESCRIPTION OF VARIABLES DERIVED FROM
FACULTY ROSTER SYSTEM MASTER FILE,
FOR TABULATIONS IN REPORT

Variable Number	Description of Variable	Values of Variable and Their Meaning	Derivation from Accession Form
10	Nature of Employment	0 = Unknown employment 1 = SFT 2 = GFT 3 = PTS 4 = SFTA 5 = GFTA 6 = PTSA 7 = FT? 8 = PT?	Item 13, copied.
11	Employment Group	0 = Unknown employment 1 = Full-time 2 = Part-time	
12	Year Current Appointment		Item 14, copied.
13	Length Current Appointment	0 = Unknown Tenure 1 = 0-5 years 2 = 6-10 years 3 = 11-15 years 4 = 16-20 years 5 = 21-25 years 6 = 26 or more years	Computed from Item 14.
14	Areas of Responsibility	00 = Unknown responsibility 01 = Teaching 02 = Research 03 = Patient care 04 = Administration 05 = Other 06 = Teaching, research 07 = Teaching, patient care 08 = Teaching, administration 09 = Other combination of 2 10 = T, R, P 11 = T, R, A	Computed from Item 16.

APPENDIX B

DESCRIPTION OF VARIABLES DERIVED FROM
FACULTY ROSTER SYSTEM MASTER FILE,
FOR TABULATIONS IN REPORT

Variable Number	Description of Variable	Values of Variable and Their Meaning	Derivation from Accession Form
14 (cont'd.)	Areas of Responsibility	12 = T, P, A 13 = Other combination of 3 14 = T, R, P, A 15 = Other combination of 4	
15	Teaching Responsibility	0 = Unknown responsibility 1 = Teaching as only responsibility 2 = Teaching as of of multi resp. 3 = Teaching not a responsibility	Computed from Item 16.
16	Research Responsibility	0 = Unknown responsibility 1 = Research as only responsibility 2 = Research as one of multi resp. 3 = Research not a responsibility	Computed from Item 16.
17	New Hires	0 = Unknown first appointment year 1 = First hired in 1974 or later 2 = First hired prior to 1974	Computed from Item 17.
18	Original Employment Source	00 = Unknown entry source 01 = U.S. non-med higher educ inst 02 = U.S. medical school-volunteer 03 = U.S. medical school-non-fac 04 = U.S. primary/secon educ inst 05 = Private practice 06 = U.S. hosp - non-federal 07 = State or local agency 08 = U.S. active military service 09 = U.S. Gov't.-DOD,PHS,VA,other 13 = Private business 14 = Foundation 15 = Foreign employment 16 = Other 20 = Intern/resident 21 = NIH/NIMH training program	Item 18, copied.

APPENDIX B

DESCRIPTION OF VARIABLES DERIVED FROM
FACULTY ROSTER SYSTEM MASTER FILE,
FOR TABULATIONS IN REPORT

Variable Number	Description of Variable	Values of Variable and Their Meaning	Derivation from Accession Form
18 (cont'd.)	Original Employment Source	22 = U.S. medical school 23 = Other U.S. higher education 24 = Foreign Institution 25 = Other professional training 29 = Other higher educ environ	
19	Previous Employment Location	00 = Unknown entry nature empl 01 = Medical school, full-time 02 = Medical school, part-time 03 = Medical school, volunteer 04 = Other acad inst/foundation 05 = Foreign employment 06 = Private practice 07 = Gov't. employment 08 = Other employment 09 = Professional training	Computed from Items 18, 19.
20	Private Practice	1 = Yes; 2 = No; 9 = Not an M.D.	Computed from Items 18, 19.
21	Degree	0 = Unknown degrees 1 = M.D. plus Ph.D. 2 = M.D. plus O.H.D. 3 = M.D. 4 = Ph.D. plus O.H.D. 5 = Ph.D. 6 = O.H.D. 7 = Masters 8 = Bachelors 9 = No degrees	
22	Degree group	0 = Unknown degrees 1 = M.D. plus Ph.D 2 = M.D. 3 = Ph.D. 4 = O.H.D. 5 = Non-doctoral	

APPENDIX B

DESCRIPTION OF VARIABLES DERIVED FROM
FACULTY ROSTER SYSTEM MASTER FILE,
FOR TABULATIONS IN REPORT

Variable Number	Description of Variable	Values of Variable and Their Meaning	Derivation from Accession Form
23	Year M.D. awarded	0 = Unknown degree year 1 = Before 1939 2 = 1940-1949 3 = 1950-1959 4 = 1960-1969 5 = 1970-1978 9 = No applicable degree	Recoded from Item 26d-30d.
24	Year Ph.D. awarded		
25	Year O.H.D. awarded		
26	Year Masters awarded		
27	U.S.-Foreign Trained	0 = Unknown training country 1 = U.S. 2 = Canada 3 = Foreign	Computed from Item 26c.
28	Internship	0 = Unknown 1 = Yes 2 = No	Item 31, copied.
29	Number of Residencies	0 = Unknown 1 = None 2 = One 3 = 2 or more	Items 35-37, copied.
30	Residency Program 1	00 = Unknown residency program 10 = Anesthesiology 11 = Dermatology 12 = Family Practice 13 = Internal Medicine 14 = Neurology 15 = Obstetrics and Gynecology 16 = Opthalmology 17 = Orthopedic Surgery 18 = Otolaryngology 19 = Pathology 20 = Pediatrics 21 = Physical medicine and rehab 22 = Psychiatry 23 = Preventive medicine 24 = Radiology 25 = Surgery	Item 35a, 36a, 37a respectively, copied.
31	Residency Program 2		
32	Residency Program 3		

APPENDIX B

DESCRIPTION OF VARIABLES DERIVED FROM
FACULTY ROSTER SYSTEM MASTER FILE,
FOR TABULATIONS IN REPORT

Variable Number	Description of Variable	Values of Variable and Their Meaning	Derivation from Accession Form
33	Primary Specialty	00 = Unknown specialty 10 = Anesthesiology 11 = Dermatology 12 = Family practice 13 = Internal medicine 14 = Neurology 15 = Obstetrics and gynecology 16 = Opthalmology 17 = Orthopedic surgery 18 = Otolaryngology 19 = Pathology 20 = Pediatrics 21 = Physical medicine and rehab 22 = Psychiatry 23 = Public health and prev medicine 24 = Radiology 25 = Surgery 99 = None	Item 39a, copied.
34	Number Board Certificates	0 = None 1 = One 2 = Two or more	Items 39b-41b, copied.
35	Board Certification 1	0000 = Unknown speciality 1000 = Anesthesiology 1100 = Dermatology 1200 = Family practice 1300 = Internal medicine 1305 = Allergy 1310 = Allergy and immunology 1315 = Cardiology 1320 = Endocrinology 1325 = Gastroenterology 1330 = Hematology 1335 = Infectious diseases 1340 = Medical uncology 1345 = Nephrology	Item 39a, 40a, 41a respectively, copied.
36	Board Certification 2		
37	Board Certification 3		

APPENDIX B

DESCRIPTION OF VARIABLES DERIVED FROM
FACULTY ROSTER SYSTEM MASTER FILE,
FOR TABULATIONS IN REPORT

Variable Number	Description of Variable	Values of Variable and Their Meaning	Derivation from Accession Form
35 (cont'd.)	Board Certification 1	1350 = Nuclear medicine 1355 = Pulmonary disease 1360 = Rheumatology 1400 = Neurology 1410 = Child Neurology 1500 = Obstetrics and gynecology 1510 = Gyn uncology 1520 = Gynecology 1530 = Maternal and fetal medicine 1540 = Obstetrics 1550 = Repro endocrinology 1600 = Opthamology 1700 = Orthopedic surgery 1800 = Otolaryngology 1905 = Anat, cl and for path 1910 = Anat pathology 1915 = Pa and cl pathology 1920 = Pa and for pathology 1925 = Pa and medical microbiology 1930 = Pa and neuropathology 1935 = Blood banking 1940 = Chemical pathology 1945 = Clinical pathology 1950 = Clinical path/hema 1955 = Dermatology 1960 = Forensic pathology 1965 = Hematology 1970 = Medical microbiology 1975 = Medical microbio and med chem 1980 = Neuropathology 1985 = Nuclear medicine 1990 = Radioisotopic pathology 1999 = Path-unk sub-spec 2000 = Pediatrics 2010 = Allergy and immunology 2020 = Neonatal-perinatal	
36 (cont'd.)	Board Certification 2		
37 (cont'd.)	Board Certification 3		

APPENDIX B

DESCRIPTION OF VARIABLES DERIVED FROM
FACULTY ROSTER SYSTEM MASTER FILE,
FOR TABULATIONS IN REPORT

Variable Number	Description of Variable	Values of Variable and Their Meaning	Derivation from Accession Form
35 (cont'd.)	Board Certification 1	2030 = Ped allergy 2040 = Ped cardiology	
36 (cont'd.)	Board Certification 2	2050 = Ped hematology-uncology 2060 = Ped nephrology	
37 (cont'd.)	Board Certification 3	2070 = Ped surgery 2100 = Physical medicine and rehab 2200 = Psych and neurology 2210 = Child psychiatry 2220 = Psychiatry 2230 = Psychoanalysis 2310 = Aerospace medicine 2320 = General preventive medicine 2330 = Occupational medicine 2340 = Public health 2400 = Radiology 2410 = Diag radiology 2420 = Med nuc physics 2425 = Neuroradiology 2430 = Nuc med (radio) 2440 = Radiology physics 2450 = Radium therapy 2460 = Roentgen ray/gamma ray 2470 = Thera radiology 2480 = Ther rad physics 2490 = Ther and diag rad physics 2500 = Surgery 2510 = Colon and rectal surgery 2520 = Neuro surgery 2530 = Ped surgery 2540 = Plastic surgery 2550 = Thoracic surgery 2560 = Orology 9999 = None	
38	Certified in Area of Appointment	0 = No certification or unknown dept. 1 = Certified in appt. plus other 2 = Certified in appt. 3 = Certified in other department	Computed from Item 11a, 39b-40b.

APPENDIX B

DESCRIPTION OF VARIABLES DERIVED FROM
FACULTY ROSTER SYSTEM MASTER FILE,
FOR TABULATIONS IN REPORT

Variable Number	Description of Variable	Values of Variable and Their Meaning	Derivation from Accession Form
39	Number Post M.D. Fellowships		Computed from Items 43-45.
40	Type of Training in Post M.D. Fellowship 1	0 = Unknown 1 = Research 2 = Clinical	Item 43a, copied.
41	Type of Training in Post M.D. Fellowship 2	0 = Unknown 1 = Research 2 = Clinical	Item 44a, copied.
42	Type of Training in Post M.D. Fellowship 3	0 = Unknown 1 = Research 2 = Clinical	Item 45a, copied.
43	Post M.D. Fellowship Discipline 1	102 = Anatomy 106 = Biochemistry 110 = Biology 114 = Biophysics 118 = Botany 126 = Ecology 129 = Entomology 134 = Genetics 138 = Immunology 142 = Microbiology 146 = Nutrition 150 = Pathology (basic) 154 = Pharmacology 158 = Physiology 162 = Pre-Dental 166 = Pre-Medical 170 = Pre-Veterinarian 180 = Zoology 190 = Biological Science 199 = All Other Basic 202 = Anesthesiology 206 = Chemotherapy 210 = Dermatology	Item 43c, 44c, 45c respectively, copied.
44	Post M.D. Fellowship Discipline 2		
45	Post M.D. Fellowship Discipline 3		

APPENDIX B

DESCRIPTION OF VARIABLES DERIVED FROM
FACULTY ROSTER SYSTEM MASTER FILE,
FOR TABULATIONS IN REPORT

Variable Number	Description of Variable	Values of Variable and Their Meaning	Derivation from Accession Form
43 (cont'd.)	Post M.D. Fellowship Discipline 1	211 = Emergency Medicine 212 = Endocrinology 213 = Family Practice 214 = Geriatrics 218 = Internal Medicine 222 = General Medicine 230 = Neurology 234 = Obstetrics and Gyn 238 = Oncology 242 = Pathology (clinical) 246 = Pediatrics 250 = Physical Med and Rehab 254 = Public Health and Prev Med 258 = Psychiatry 262 = Radiology 266 = Surgery 299 = Other Medical Science 300 = Physical Science and Engr 400 = Social Science 500 = Allied Health 600 = Administration 900 = All Other 000 = Unknown Discipline	
44 (cont'd.)	Post M.D. Fellowship Discipline 2		
45 (cont'd.)	Post M.D. Fellowship Discipline 3		
46	Post M.D. Fellowship Source of Award 1	0 = Unknown 1 = National Institute of Health 2 = Other PHS 3 = Other DHEW 4 = National Science Foundation 5 = Veterans Administration 6 = Other federal 7 = Foundation 8 = Industry 9 = Other	Item 43d, 44d, 45d respectively, copied.
47	Post M.D. Fellowship Source of Award 2		
48	Post M.D. Fellowship Source of Award 3		
49	Post M.D. Fellowship Year 1	0 = Unknown year 1 = 1901-1949 2 = 1950-1959 3 = 1960-1969 4 = 1970-1978	Item 43e, copied.

APPENDIX B

DESCRIPTION OF VARIABLES DERIVED FROM
FACULTY ROSTER SYSTEM MASTER FILE,
FOR TABULATIONS IN REPORT

Variable Number	Description of Variable	Values of Variable and Their Meaning	Derivation from Accession Form
50	Post M.D. Fellowship Year 2	0 = Unknown year 1 = 1901-1949 2 = 1950-1959 3 = 1960-1969 4 = 1970-1978	Item 44e, copied.
51	Post M.D. Fellowship Year 3	0 = Unknown year 1 = 1901-1949 2 = 1950-1959 3 = 1960-1969 4 = 1970-1978	Item 45e, copied.
52	Number Pre-Post Ph.D. Fellowships		Computed from Items 48-52.
53	Type of Training in Pre and Post Ph.D. Fellowship 1	0 = Unknown type doctoral 1 = Pre 2 = Post	Item 48a, copied.
54	Type of Training in Pre and Post Ph.D. Fellowship 2	0 = Unknown type doctoral 1 = Pre 2 = Post	Item 49a, copied.
55	Type of Training in Pre and Post Ph.D. Fellowship 3	0 = Unknown type doctoral 1 = Pre 2 = Post	Item 50a, copied.
56	Type of Training in Pre and Post Ph.D. Fellowship 4	0 = Unknown type doctoral 1 = Pre 2 = Post	Item 51a, copied.
57	Type of Training in Pre and Post Ph.D. Fellowship 5	0 = Unknown type doctoral 1 = Pre 2 = Post	Item 52a, copied.

APPENDIX B

DESCRIPTION OF VARIABLES DERIVED FROM
FACULTY ROSTER SYSTEM MASTER FILE,
FOR TABULATIONS IN REPORT

Variable Number	Description of Variable	Values of Variable and Their Meaning	Derivation from Accession Form
58	Pre and Post Ph.D. Fellowship Discipline 1	000 = Unknown discipline 102 = Anatomy 106 = Biochemistry 110 = Biology 114 = Biophysics 118 = Botany 134 = Genetics 138 = Immunology 142 = Microbiology 150 = Pathology (basic) 154 = Pharmacology 158 = Physiology 199 = All other basic 202 = Anesthesiology 206 = Chemotherapy 210 = Dermatology 212 = Endocrinology 213 = Family Practice 214 = Geriatrics 218 = Internal Medicine 220 = General Medicine 230 = Neurology 234 = Obstetrics and Gynecology 242 = Pathology (clinical) 246 = Pediatrics 250 = Physical Medicine and Rehab 254 = Public Health and Prev Med 258 = Psychiatry 262 = Radiology 266 = Surgery 300 = Physical Science and Engr 400 = Social Science 600 = Administration 900 = All Other	
59	Pre and Post Ph.D. Fellowship Discipline 2		
60	Pre and Post Ph.D. Fellowship Discipline 3		
61	Pre and Post Ph.D. Fellowship Discipline 4		
62	Pre and Post Ph.D. Fellowship Discipline 5		

APPENDIX B

DESCRIPTION OF VARIABLES DERIVED FROM
FACULTY ROSTER SYSTEM MASTER FILE,
FOR TABULATIONS IN REPOR

Variable Number	Description of Variable	Values of Variable and Their Meaning	Derivation from Accession Form
63	Pre and Post M.D. Fellowship Source of Award 1	0 = Unknown 1 = National Institute of Health 2 = Other PHS 3 = Other DHEW 4 = National Science Foundation 5 = Veterans Administration 6 = Other federal 7 = Foundation 8 = Industry 9 = Other	Item 48d, 49d, 50d, 51d, 52d respectively, copied.
64	Pre and Post M.D. Fellowship Source of Award 2		
65	Pre and Post M.D. Fellowship Source of Award 3		
66	Pre and Post M.D. Fellowship Source of Award 4		
67	Pre and Post M.D. Fellowship Source of Award 5		
68	Pre and Post Ph.D. Fellowship Year 1	0 = Unknown year 1 = 1901-1949 2 = 1950-1959 3 = 1960-1969 4 = 1970-1978	
69	Pre and Post Ph.D Fellowship Year 2		
70	Pre and Post Ph.D. Fellowship Year 3		
71	Pre and Post Ph.D. Fellowship Year 4		
72	Pre and Post Ph.D. Fellowship Year 5		

APPENDIX C

NATURE OF EMPLOYMENT DEFINITIONS

The definitions of full-time, part-time salaried medical school faculty and voluntary faculty comprise the following classes of faculty reported to the faculty Roster System.

SFT 1. Strict full-time medical school faculty are those who receive their entire professional income as a fixed annual amount from funds controlled by the medical school or its parent institution, who devote their full time to the programs of the medical school, and whose professional activities *are under the direct auspices and control of the medical school.*

GFT 2. Geographic full-time medical school faculty are those who receive a guaranteed base salary all or most of which is paid from funds controlled by the medical school, but who may earn income from professional activities, who conduct *all* of their professional work in the institution(s) paying the base salary, and whose professional activities *are under the direct auspices and control of the medical school.*

PTS 3. Part-time salaried medical school faculty are those who receive regular payment for part-time professional activity from funds controlled by the medical school, and whose professional activities *are under the direct auspices and control of the medical school.* (Other professional activities and other income are outside the jurisdiction of the medical school.)

SFTA 4. Strict full-time affiliated faculty are those who receive their entire professional income as a fixed annual amount from one or a variety of sources (medical school, parent institution, owned or affiliated institutions and their parents), devote their full time to the programs of the medical school, but whose professional activities *are not under the direct auspices and control of the medical school.*

GFTA 5. Geographic full-time affiliated faculty are those who receive a guaranteed base salary and who are paid their base salary from one or a variety of sources (usually affiliated hospitals) and may earn some income from professional activities, and whose professional activities *are not under the direct auspices and control of the medical school.*

PTSA 6. Part-time salaried affiliated faculty are those who receive regular pay-

ment for part-time professional activity by a medical school-owned or affiliated hospital or institution, and whose professional activities *are not under the direct auspices and control of the medical school.* (Other professional activities and other income are outside the jurisdiction of the institution(s) from which reimbursement is received.)

VOL 7. Volunteer non-salaried faculty are those who hold faculty appointments at the medical school, *but do not receive regular salary from either the medical school or an affiliated institution.*

V. REFERENCES

Anderson, P. W., Descriptive Study of Salaried Medical School Faculty. Washington, D.C.: Association of American Medical Colleges, December, 1975.

Bickel, J. W. and McRae, D. J., Estimates for Accuracy and Completeness of AAMC Faculty Roster System Data. Washington, D.C.: Association of American Medical Colleges, December, 1977.

Faculty Roster Guide for Reporting Data. Washington, D.C.: Association of American Medical Colleges, August, 1977.

Griffith, P. J. and Farlee, C., Description of Salaried Medical School Faculty, 1971-72 and 1976-77. Washington, D.C.: Assocaition of American Medical Colleges, December, 1977.

Griffith, P. J. and McRae, D. J., Description of Salaried Medical School Faculty 1969-79 and 1974-75. Washington, D.C.: Association of American Medical Colleges, April, 1977.

Higgins, E. J., "Participation of Women and Minorities of U.S. Medical School Faculties," Journal of Medical Education. Volume 54, No. 8, March, 1979, pg. 252.

Jolly, H. P. and Higgins, E. J., Participation of Women and Minorities on U.S. Medical School Faculties, 1978. Washington, D.C.: Association of American Medical Colleges, June, 1979.

Liaison Committee on Medical Education, Medical Schools of the U. S. A. Status of Accreditation. January, 1978.